

Malt Substitution Chart 2024 – Barley Malts

Castle Malting	Wort Colour EBC	IREKS	Wort Colour EBC	Weyermann	Wort Colour EBC	BestMalz	Wort Colour EBC	Viking	Wort Colour EBC
Base Barley Malts – 1A									
				Weyermann Extra Pale Pilsner	2 – 3,5	BEST Heidelberg	Max 2,9		
Chateau Pilsen® 2RS	max 3.5	IREKS Pilsner	2,5 – 5	Weyermann Pilsner	2.5 – 4.5	BEST Pilsen	3 – 4,9	VIKING Pilsner	3 – 4,2
Chateau Pilsen® 6RW	3 - 3.5								
Chateau Vienna®	4 - 7	IREKS Vienna	8 – 10	Weyermann Vienna	6 – 9	BEST Vienna	8 – 10	VIKING Vienna	7 – 10
Chateau Pale Ale®	7 - 10	IREKS Pale Ale	5 – 7	Weyermann Pale Ale	5.5 – 7.5	BEST Pale Ale	5 – 7	VIKING Pale Ale	4 – 7
Specialty Kilned Barley Malts – 1B									
Chateau Munich Light®	13 - 17	IREKS Munich	18 – 22	Weyermann Munich Type I	12 – 18	BEST Munich	11 – 20	VIKING Munich Light	14 – 20
Chateau Munich	21 - 28			Weyermann Munich Type II	20 – 25	BEST Munich Dark	21 – 35	VIKING Munich Dark	20 – 24
						BEST RED X	28 – 32	VIKING Red Active	30 – 40
Chateau Melano Light	36 - 44	IREKS Mela Red Alder	40 – 50			BEST Melanoidin Light	40 – 60		
Chateau Melano	75 - 85	IREKS Mela Beech	80 – 90	Weyermann Melanoidin	60 – 80	BEST Melanoidin	61 – 80	VIKING Red Ale	60 – 80
Chateau Abbey®	41 - 49			Weyermann Abbey	40 – 50				
Chateau Arôme	95 - 105								
Chateau Crystal®	140 - 160								
Chateau Café Light	220 - 280								
Chateau Smoked	4 – 12	IREKS Smoked	3 – 8	Weyermann Smoked Barley	4 – 8			VIKING Smoked (beech)	max 10
Barley Caramel Malts – 1C									
Chateau Cara Clair®	max 9	IREKS Crystal Maple	3 – 6	Weyermann CARAPILS	2.5 – 6.5	BEST Caramel Pils	3 – 7	VIKING Carabody	Max 8
								VIKING Caramel Pale	6 – 10
								VIKING Golden Ale	9 – 14
								VIKING Dextrin	8 – 14
Chateau Cara Blond®	17 - 24	IREKS Crystal Beech	10 -15	Weyermann CARAHELL	20 – 30	BEST Caramel Hell	20 – 40	VIKING Caramel 30	25 – 35
Chateau Cara Belgium	30 - 35	IREKS Crystal Oak	25 – 35	Weyermann CARABELGE	30 – 35				
Chateau Cara Ruby®	45 - 55	IREKS Crystal Mahogany	55 – 65	Weyermann CARARED	40 – 60	BEST Caramel Aromatic	41 – 60	VIKING Caramel 50	40 – 60
Chateau Cara Honey	60 - 80			Weyermann CARAAMBER	60 – 80	BEST Caramel Amber	61 – 80		
Chateau Cara Arome	80 - 100			Weyermann CARAMUNICH I	80 – 100	BEST Caramel Munich I	81 – 100	VIKING Caramel 100	90 – 110
Chateau Cara Gold®	110 – 130	IREKS Crystal Rosewood	110 – 130	Weyermann CARAMUNICH II	110 – 130	BEST Caramel Munich II	110 – 130		
Chateau Cara Crystal®	140 - 160	IREKS Crystal Teak	140 – 160	Weyermann CARAMUNICH III	140 – 160	BEST Caramel Munich III	131 – 200	VIKING Caramel 150	140 – 160
Chateau Cara Terra®	170 – 220			Weyermann CARABOHEMIAN	170 – 220				
Chateau Special Belgium®	260 – 320	IREKS Aroma	260 – 300	Weyermann SPECIAL W	280 – 320			VIKING Caramel 300	270 – 330
Chateau Cara Café®	350 - 450	IREKS Crystal Ebony	380 – 420	Weyermann CARAAROMA	350 – 450	BEST Special X	300 – 400	VIKING Caramel 400	350 – 450
								VIKING Caramel 600	550 – 650
Roasted Barley Malts – 1D									
Chateau Biscuit®	45 – 55					BEST Biscuit	45 – 55	VIKING Cookie	40 – 60
Chateau Café	420 – 520							VIKING Chocolate Light	350 – 450
Chateau Chocolat Light®	550 – 650								
Chateau Chocolat	900 – 1100	IREKS Chocolate	800 – 1000	Weyermann CARAFA Type I	800 – 1000	BEST Chocolate	800 – 1000	VIKING Chocolate Dark	800 – 1000
Chateau Black	1150 – 1400	IREKS Black	1300 – 1500	Weyermann CARAFA Type II Weyermann CARAFA Type III	1100 – 1200 1300 – 1500	BEST Black BEST Black Extra	1100 – 1200 1300 – 1500	VIKING Black	1200 – 1500
				Weyermann CARAFA Special	800 - 1500				
Chateau Black of Black	650 - 950								
Chateau Roasted Barley®	1000 - 1400			Weyermann Roasted Barley	1000 – 1300	BEST Roasted Barley	1200 – 1400	VIKING Roasted Barley	900 – 1200
Special Purpose Barley Malts – 1E									
Chateau Acid	6 - 13	IREKS Sour	2 – 5	Weyermann Acidulated	2 – 5	BEST Acidulated	3 – 8		
Chateau Diastatic	2.5 - 4			Weyermann Diastatic Barley	Max 5			VIKING Enzyme Malt	
Chateau Chit Barley Flakes						BEST Chit Malt			

Malt Substitution Chart 2024 – Brewing Malts from Wheat & Other Grain // Malts for Distilling

Castle Malting	Wort Colour EBC	IREKS	Wort Colour EBC	Weyermann	Wort Colour EBC	BestMalz	Wort Colour EBC	Viking	Wort Colour EBC
Wheat Malts – 2A									
						BEST Heidelberg Wheat Malt	2,5– 3,5		
Chateau Wheat Blanc®	3.5 - 5.5	IREKS Wheat Light	3 – 5	Weyermann Wheat Malt Pale	3 – 5	BEST Wheat Malt	3,5 – 6	VIKING Wheat Malt	3 – 5,5
Chateau Wheat Munich Light®	14 – 18	IREKS Wheat Dark	14 – 18	Weyermann Wheat Malt Dark	15 – 20	BEST Wheat Malt Dark	16 – 20		
Chateau Wheat Munich®	21 – 28								
Chateau Wheat Arome®	80 – 100			Weyermann CARAWHEAT	110 – 140	BEST Caramel Wheat Malt	80 – 150		
Chateau Wheat Crystal	140 – 160								
Chateau Wheat Café®	350 – 450								
Chateau Wheat Chocolat	800 – 1100	IREKS Wheat Black	1600 – 1800	Weyermann Chocolate Wheat	900 – 1200				
Chateau Wheat Black	1100 – 1400								
Chateau Wheat Smoked (Beech) Phenols 10 - 15 ppm	4 – 2							VIKING Smoked Wheat (beech) Phenols 5 – 10 ppm	max 10
				Weyermann Smoked Wheat (Oak)	4 – 6				
				Weyermann Diastatic Wheat	3 – 5				
						BEST Roasted Wheat (grain) Light Medium Dark	2,8 – 5 5,5 – 55 60 – 250		
Chateau Chit Wheat Flakes									
Malts from Other Grains – 2B									
Chateau Rye	3 - 8	IREKS Rye Malt	4 – 10	Weyermann Rye Malt Pale	4 – 10	BEST Rye Malt	3 – 8	VIKING Rye Malt	4 – 10
				Weyermann CARARYE	150 – 200	BEST Caramel Rye Malt	100 – 380		
				Weyermann Chocolate Rye	400 – 700				
Chateau Oat	max 5					BEST Oat Malt	3 – 8	VIKING Oat Malt	3 – 6,5
Chateau Spelt	3 – 7			Weyermann Spelt Malt	3 – 7	BEST Spelt Malt	3,5 – 6		
Chateau Buckwheat	4 – 15								
Chateau Emmer	2.5 - 5								
Malts for Distilling – 2C									
Chateau Distilling®	2.5 - 4.5					BEST Whisky	max 4,9		
Chateau Peated Phenols 5 ppm	3.5					BEST Peated	3 – 8	VIKING Lightly Peated Phenols 3- 10 ppm	max 10
Chateau Whisky Light® Phenols 15 - 25 ppm	2.5 – 4								
Chateau Whisky Phenols 30 - 40 ppm	4								
Chateau Rye	3 – 8	IREKS Rye Malt	4 – 10	Weyermann Rye Malt Pale	4 – 10	BEST Rye Malt	3 – 8	VIKING Pot Still Rye	

EBC	4	6	8	12	16	20	26	33	39	47	57	69	79
Lovibond	2.1	2.8	3.6	5.1	6.6	8.1	10.3	12.9	15.2	18.2	21.9	26.4	30.2
SRM	2	3	4	6	8	10	13	17	20	24	29	35	40+