

# Earl Gray IPA

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- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **59**
- SRM **7.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.8 liter(s)**
- Total mash volume **29 liter(s)**

## Steps

- Temp **62 C**, Time **30 min**
- Temp **72 C**, Time **35 min**

## Mash step by step

- Heat up **21.8 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **30 min** at **62C**
- Keep mash **35 min** at **72C**
- Sparge using **17.2 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (69%)	81 %	4
Grain	Strzegom Karmel 150	0.25 kg (3.4%)	75 %	150
Grain	Strzegom Monachijski typ I	2 kg (27.6%)	79 %	16

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	50 g	60 min	12 %
Aroma (end of boil)	Mosaic	50 g	5 min	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - American Ale II	Ale	Liquid	125 ml	Wyeast Labs

## Extras

Type	Name	Amount	Use for	Time
Flavor	Earl Grey	100 g	Secondary	1 day(s)