

Converting Colors

CIELCh(88, 3.921, 321.937)

Have a look what the booklet for
CIELCh(88, 3.921, 321.937) contains.

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Color

CIELCh(88, 3.825, 324.515)

Conversions

Conversions Part 1

Format	Color
Hex	E1DBE1
RGB	225, 219, 225
RGB Percent	88%, 86%, 88%
CMY	0.1179, 0.1414, 0.1179
CMYK	0.00, 0.03, 0.00, 0.12
HSL	300°, 9%, 87%
HSV	300°, 3%, 88%
XYZ	69.9335, 72.0653, 81.4180
YIQ	221.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

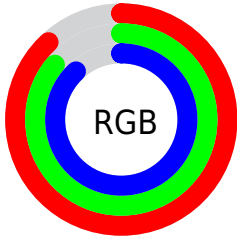
Format	Color
R _Y B	225, 219, 225
Decimal	14801889
CIE Lab	88.00, 3.11, -2.22
CIE LCh	88, 3.825, 324.515
Yxy	72.0653, 0.3130, 0.3226
Android (android.graphics.Color)	4292991969 (0xFFE1DBE1)
YUV	221.4780, 1.7363, 3.0888
Hunter-Lab	84.8913, -1.5112, 2.5597

Details

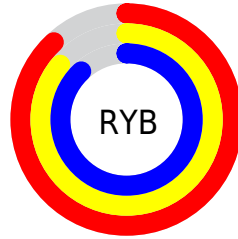
The CIELCh color `88, 3.825, 324.515` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 3.804, 144.367`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 4.031, 324.575` is the 20% darker color. If you saturate the color by 10%, you get `82, 18.254, 325.122`, and if you desaturate by 10%, it is `94, 10.376, 144.074`.

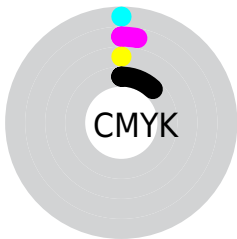
Distribution



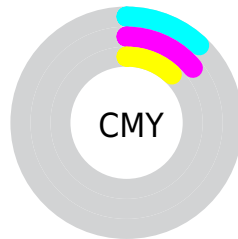
- Red (88%)
- Green (86%)
- Blue (88%)



- Red (88%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 3.825, 324.515 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 88, 3.825, 324.515 by changing the saturation by 10% instead.

■ 88, 3.825, 324.515

■ 88, 3.825, 324.515

■ 100, 3.825,
324.515

■ 78, 3.825, 324.515

■ 68, 3.825, 324.515

■ 58, 3.825, 324.515

■ 48, 3.825, 324.515

■ 38, 3.825, 324.515

■ 28, 3.825, 324.515

■ 18, 3.825, 324.515

■ 8, 3.825, 324.515

■ 0, 3.825, 324.515

88, 3.825, 324.515

88, 3.825, 324.515

82, 18.254,
325.122

94, 10.376,
144.074

77, 32.745,
325.676

97, 18.775,
143.743

72, 47.037,
326.209

97, 18.775,
143.743

67, 60.767,
326.710

97, 18.775,
143.743

63, 73.464,
327.162

97, 18.775,
143.743

60, 84.581,
327.547

97, 18.775,
143.743

57, 93.566,
327.852

97, 18.775,
143.743

55, 99.995,
328.065

97, 18.774,
143.743

■ 54, 103.727,
328.188

■ 97, 18.774,
143.744

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88, 3.825, 324.515



89, 3.804, 144.367

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 3.825, 324.515



88, 3.825, 14.515



88, 3.825, 144.515



88, 3.825, 194.515

Sweetspot

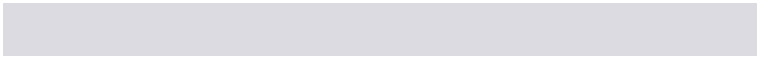
The Sweet Spot groups the original color and five complimentary colors.



88, 3.823, 324.515



99, 1.592, 324.303



88, 3.142, 290.460



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

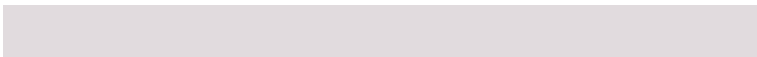
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 3.823, 324.515



98, 4.763, 324.543



88, 2.683, 343.703



46, 3.251, 324.597



42, 87.489, 328.233



8, 35.926, 328.229

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88, 3.823, 324.515



98, 4.763, 324.543



89, 2.660, 163.600



46, 3.251, 324.597



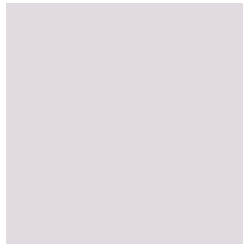
42, 87.489, 328.233



8, 35.926, 328.229

Previews

White Background



This preview shows how the CIELCh color 88, 3.825, 324.515 looks on a white background.

Color Contrast Check

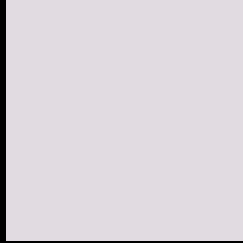
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 3.825, 324.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

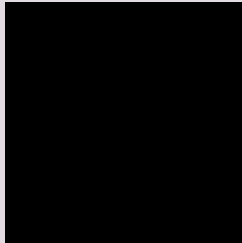
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

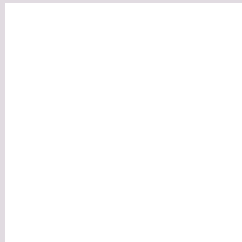
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 3.825, 324.515

Background



This preview shows how black text looks on a background with the CIELCh color 88, 3.825, 324.515.

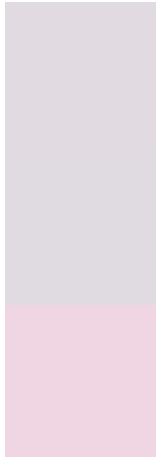


This preview shows how white text looks on a background with the CIELCh color 88, 3.825, 324.515.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88, 3.825, 324.515

Protanopia

88, 3.468, 314.725

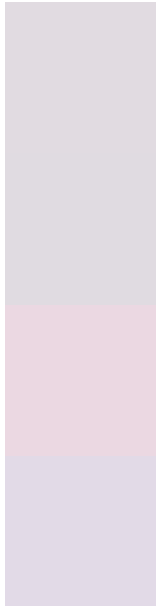
Deuteranopia

88, 11.309, 346.686



Tritanopia
88, 9.974, 309.397

Trichromacy



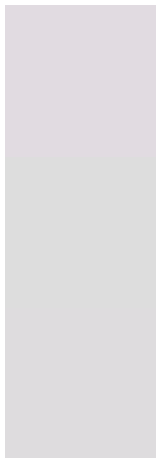
Original Color
88, 3.825, 324.515

Protanomaly
88, 3.633, 319.854

Deuteranomaly
88, 8.633, 342.867

Tritanomaly
88, 7.398, 313.204

Monochromacy



Original Color
88, 3.825, 324.515

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.282, 324.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 3.825, 324.515 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 219, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 219, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 219, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 3.825, 324.515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 219, 225) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(225, 219, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(225, 219, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 219, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 219, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 219,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 3.825, 324.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 219, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
219, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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