

Converting Colors

CIELCh(88, 5.637, 7.575)

Have a look what the booklet for
CIELCh(88, 5.637, 7.575) contains.

CIELCh(88, 5.555, 8.915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 5.555, 8.915)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9DB
RGB	232, 217, 219
RGB Percent	91%, 85%, 86%
CMY	0.0893, 0.1481, 0.1403
CMYK	0.00, 0.06, 0.06, 0.09
HSL	352°, 25%, 88%
HSV	352°, 6%, 91%
XYZ	71.0424, 72.0653, 77.3421
YIQ	221.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

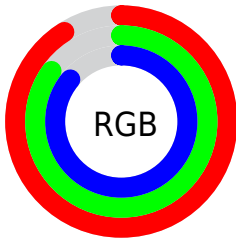
Format	Color
RYP	232, 217, 219
Decimal	15260123
CIELab	88.00, 5.49, 0.86
CIElCh	88, 5.555, 8.915
Yxy	72.0653, 0.3223, 0.3269
Android (android.graphics.Color)	4293450203 (0xFFE8D9DB)
YUV	221.7130, -1.3375, 9.0217
Hunter-Lab	84.8913, 0.8205, 5.4064

Details

The CIELCh color **88, 5.555, 8.915** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 5.384, 188.059**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 5.496, 8.308** is the 20% darker color. If you saturate the color by 10%, you get **82, 14.591, 9.994**, and if you desaturate by 10%, it is **94, 2.945, 188.405**.

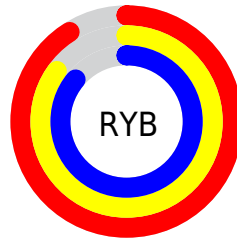
Distribution



Red (91%)

Green (85%)

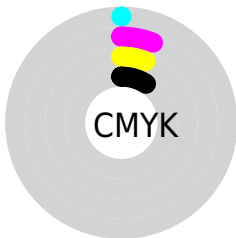
Blue (86%)



Red (91%)

Yellow (85%)

Blue (86%)

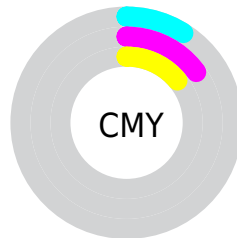


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.555, 8.915 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, 5.555, 8.915 by changing the saturation by 10% instead.

88, 5.555, 8.915

88, 5.555, 8.915

100, 5.555, 8.915

78, 5.555, 8.915

68, 5.555, 8.915

58, 5.555, 8.915

48, 5.555, 8.915

38, 5.555, 8.915

28, 5.555, 8.915

18, 5.555, 8.915

8, 5.555, 8.915

0, 5.555, 8.915

88, 5.555, 8.915

88, 5.555, 8.915

82, 14.591, 9.994

94, 2.945, 188.405

76, 24.147, 11.218

98, 7.778, 198.999

70, 34.138, 12.715

65, 44.396, 14.589

60, 54.652, 16.966

56, 64.554, 19.987

52, 73.742, 23.769

50, 81.952, 28.287

49, 88.980, 33.178

Harmonies

Complementary

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



88, 5.555, 8.915



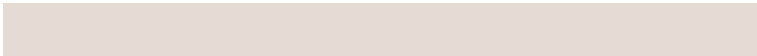
91, 5.384, 188.059

Rectangle

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



88, 5.555, 8.915



88, 5.555, 58.915



88, 5.555, 188.915



88, 5.555, 238.915

Sweetspot

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



88, 5.553, 8.933



99, 1.832, 8.304



88, 9.137, 321.042



53, 1.041, 8.278



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, 5.553, 8.933



95, 7.457, 9.100



89, 4.466, 59.117



46, 4.971, 9.249



38, 75.049, 33.924



7, 28.056, 17.252

Inverse Universe

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



88, 5.553, 8.933



95, 7.457, 9.100



90, 4.346, 240.578



46, 4.971, 9.249



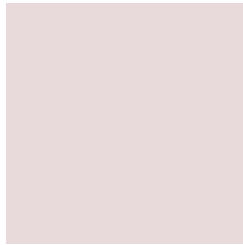
38, 75.049, 33.924



7, 28.056, 17.252

Previews

White Background



This preview shows how the CIELCh color 88, 5.555, 8.915 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 CIELCh color 88, 5.555, 8.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

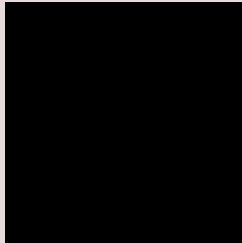
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

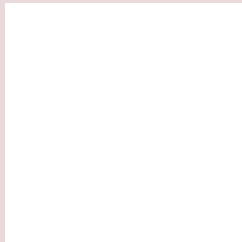
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.555, 8.915

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.555, 8.915.

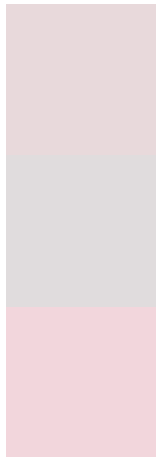


This preview shows how white text looks on a background with the CIELCh color 88, 5.555, 8.915.

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, 5.555, 8.915

Protanopia

88, 1.540, 359.332

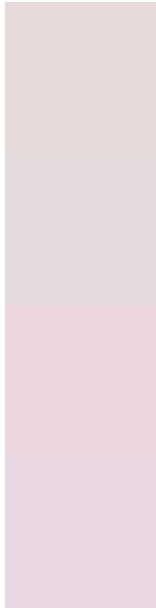
Deuteranopia

88, 10.700, 3.232



Tritanopia
88, 11.214, 327.876

Trichromacy



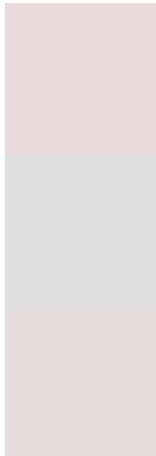
Original Color
88, 5.555, 8.915

Protanomaly
88, 2.943, 9.226

Deuteranomaly
88, 8.784, 2.789

Tritanomaly
88, 8.415, 336.986

Monochromacy



Original Color
88, 5.555, 8.915

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 2.231, 5.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.555, 8.915 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(232, 217, 219)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 219)  
}
```

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(232, 217, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.555, 8.915 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(232, 217, 219) }
```

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

```
.border{ border-color:rgb(232, 217, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 219);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.555, 8.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 219) }
```

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

```
.background{ background-color: rgb(232,  
217, 219) }
```

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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