

Converting Colors

CIELCh(88, 10.080, 71.921)

Have a look what the booklet for
CIELCh(88, 10.080, 71.921) contains.

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Color

CIELCh(88, 10.063, 70.307)

Conversions

Conversions Part 1

Format	Color
Hex	EBDACB
RGB	235, 218, 203
RGB Percent	92%, 85%, 80%
CMY	0.0787, 0.1453, 0.2042
CMYK	0.00, 0.07, 0.14, 0.08
HSL	28°, 44%, 86%
HSV	28°, 14%, 92%
XYZ	70.0621, 72.0653, 66.6743
YIQ	221.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

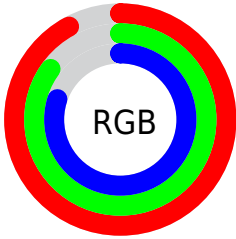
Format	Color
R _Y B	235, 231, 203
Decimal	15456971
CIE Lab	88.00, 3.39, 9.47
CIE LCh	88, 10.063, 70.307
Yxy	72.0653, 0.3355, 0.3451
Android (android.graphics.Color)	4293647051 (0xFFEBDACB)
YUV	221.3730, -9.0579, 11.9509
Hunter-Lab	84.8913, -1.2409, 12.8570

Details

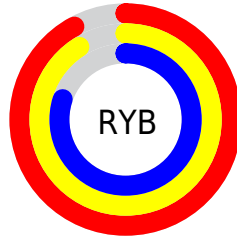
The CIELCh color **88, 10.063, 70.307** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 9.657, 253.815**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 9.992, 69.744** is the 20% darker color. If you saturate the color by 10%, you get **84, 17.920, 69.145**, and if you desaturate by 10%, it is **92, 2.602, 71.382**.

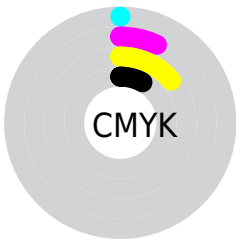
Distribution



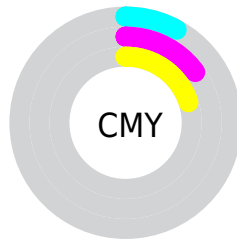
- Red (92%)
- Green (85%)
- Blue (80%)



- Red (92%)
- Yellow (91%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (8%)



- Cyan (8%)
- Magenta (15%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 10.063, 70.307 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, 10.063, 70.307 by changing the saturation by 10% instead.

 88, 10.063, 70.307

 88, 10.063, 70.307

 100, 10.063,
70.307

 78, 10.063, 70.307

 68, 10.063, 70.307

 58, 10.063, 70.307

 48, 10.063, 70.307

 38, 10.063, 70.307

 28, 10.063, 70.307

 18, 10.063, 70.307

 8, 10.063, 70.307

 0, 10.063, 70.307

88, 10.063, 70.307

88, 10.063, 70.307

84, 17.920, 69.145

92, 2.602, 71.382

81, 26.199, 67.954

95, 4.499, 252.817

77, 34.907, 66.764

99, 6.875, 199.067

74, 44.006, 65.571

71, 53.368, 64.350

68, 62.690, 63.026

65, 71.335, 61.424

62, 78.216, 59.210

61, 81.530, 57.476

Harmonies

Complementary

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



88, 10.063, 70.307



87, 9.657, 253.815

Rectangle

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



88, 10.063, 70.307



88, 10.063, 120.307



88, 10.063, 250.307



88, 10.063, 300.307

Sweetspot

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



88, 10.063, 70.322



98, 3.077, 71.352



85, 14.696, 342.998



52, 2.192, 71.288



0, 0.000, 0.000



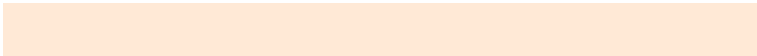
53, 0.007, 296.813

Same Dimension

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



88, 10.063, 70.322



94, 12.716, 70.037



92, 15.903, 107.460



47, 4.147, 70.797



47, 66.797, 58.162



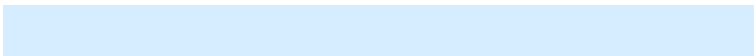
12, 22.211, 57.613

Inverse Universe

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



87, 9.657, 253.815



92, 12.099, 254.179



83, 16.374, 290.320



47, 4.037, 253.241



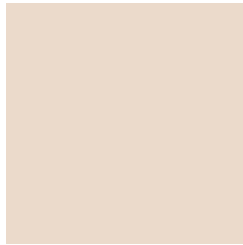
41, 52.369, 280.768



10, 19.502, 272.317

Previews

White Background



This preview shows how the CIELCh color 88, 10.063, 70.307 looks on a white background.

Color Contrast Check

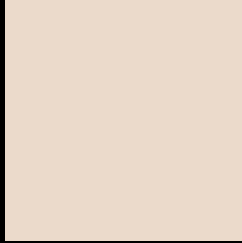
Large Text (above 18pt) WCAG AA × Fail

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, 10.063, 70.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

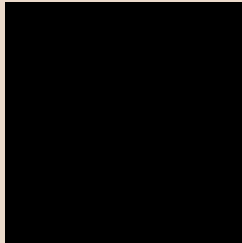
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 10.063, 70.307

Background



This preview shows how black text looks on a background with the CIELCh color 88, 10.063, 70.307.



This preview shows how white text looks on a background with the CIELCh color 88, 10.063, 70.307.

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, 10.063, 70.307

Protanopia

88, 8.953, 87.525

Deuteranopia

88, 14.023, 39.656



Tritanopia
88, 12.641, 335.810

Trichromacy



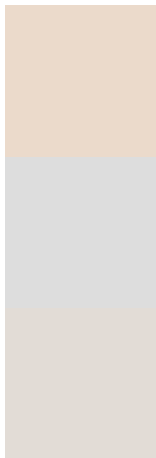
Original Color
88, 10.063, 70.307

Protanomaly
88, 8.979, 79.664

Deuteranomaly
88, 11.992, 48.399

Tritanomaly
88, 8.943, 359.597

Monochromacy



Original Color
88, 10.063, 70.307

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 3.792, 74.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 10.063, 70.307 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(235, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 203)  
}
```

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(235, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 10.063, 70.307 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(235, 218, 203) }
```

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

```
.border{ border-color:rgb(235, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 10.063, 70.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 203) }
```

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

```
.background{ background-color: rgb(235,  
218, 203) }
```

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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