

Converting Colors

CIELCh(84, 8.694, 60.476)

Have a look what the booklet for
CIELCh(84, 8.694, 60.476) contains.

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Color

CIELCh(84, 8.904, 60.090)

Conversions

Conversions Part 1

Format	Color
Hex	E0CEC3
RGB	224, 206, 195
RGB Percent	88%, 81%, 76%
CMY	0.1208, 0.1914, 0.2345
CMYK	0.00, 0.08, 0.13, 0.12
HSL	23°, 32%, 82%
HSV	23°, 13%, 88%
XYZ	62.7937, 64.0658, 60.8019
YIQ	210.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

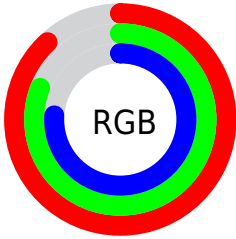
Format	Color
R _Y B	224, 213, 195
Decimal	14732995
CIE Lab	84.00, 4.44, 7.72
CIE LCh	84, 8.904, 60.090
Yxy	64.0658, 0.3346, 0.3414
Android (android.graphics.Color)	4292923075 (0xFFE0CEC3)
YUV	210.1280, -7.4581, 12.1657
Hunter-Lab	80.0411, -0.0354, 10.9901

Details

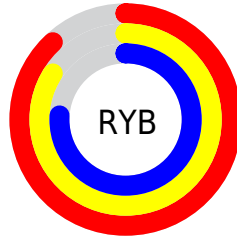
The CIELCh color **84, 8.904, 60.090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 8.406, 242.868**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **64, 9.182, 61.373** is the 20% darker color. If you saturate the color by 10%, you get **80, 16.324, 59.206**, and if you desaturate by 10%, it is **88, 1.953, 60.859**.

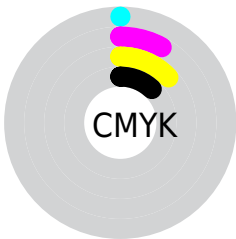
Distribution



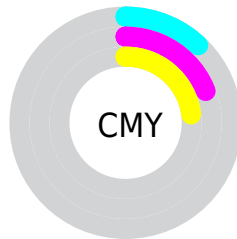
- Red (88%)
- Green (81%)
- Blue (76%)



- Red (88%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 8.904, 60.090 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 84, 8.904, 60.090 by changing the saturation by 10% instead.



84, 8.904, 60.090

84, 8.904, 60.090

80, 16.324, 59.206

88, 1.953, 60.859

76, 24.255, 58.328

92, 4.576, 242.186

72, 32.723, 57.498

96, 8.737, 223.533

69, 41.719, 56.724

98, 10.434,
198.810

65, 51.159, 55.990

62, 60.809, 55.234

59, 70.130, 54.282

56, 78.056, 52.767

54, 82.477, 51.334

Harmonies

Complementary

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



84, 8.904, 60.090



84, 8.406, 242.868

Rectangle

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



84, 8.904, 60.090



84, 8.904, 110.090



84, 8.904, 240.090



84, 8.904, 290.090

Sweetspot

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



84, 8.904, 60.107



98, 2.966, 60.824



82, 14.389, 338.045



52, 2.113, 60.782



0, 0.000, 0.000



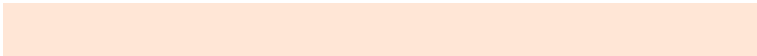
53, 0.007, 296.813

Same Dimension

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



84, 8.904, 60.107



93, 12.354, 59.821



88, 13.143, 102.726



45, 3.866, 60.416



43, 68.440, 51.953



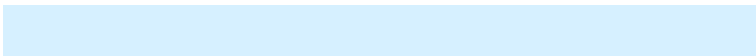
10, 20.160, 47.204

Inverse Universe

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



84, 8.406, 242.868



93, 11.480, 243.264



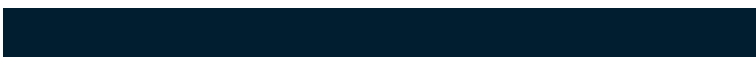
81, 13.417, 285.656



45, 3.713, 242.470



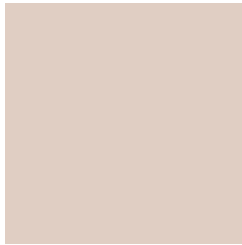
44, 42.698, 269.211



10, 15.649, 259.150

Previews

White Background



This preview shows how the CIELCh color 84, 8.904, 60.090 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 84, 8.904, 60.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

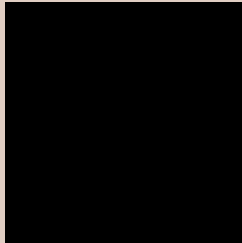
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 8.904, 60.090

Background



This preview shows how black text looks on a background with the CIELCh color 84, 8.904, 60.090.

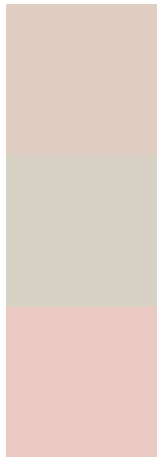


This preview shows how white text looks on a background with the CIELCh color 84, 8.904, 60.090.

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

84, 8.904, 60.090

Protanopia

84, 6.804, 87.071

Deuteranopia

84, 12.906, 34.334



Tritanopia
84, 12.139, 336.385

Trichromacy



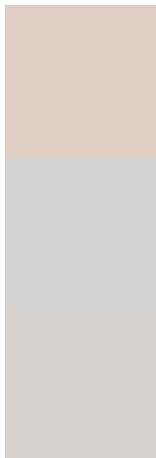
Original Color
84, 8.904, 60.090

Protanomaly
84, 7.514, 76.384

Deuteranomaly
84, 11.043, 42.330

Tritanomaly
84, 8.685, 358.752

Monochromacy



Original Color
84, 8.904, 60.090

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.026, 63.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 8.904, 60.090 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(224, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 195)  
}
```

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(224, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 8.904, 60.090 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(224, 206, 195) }
```

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

```
.border{ border-color:rgb(224, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 8.904, 60.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 195) }
```

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

```
.background{ background-color: rgb(224,  
206, 195) }
```

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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