

Converting Colors

CIELCh(85, 11.471, 62.851)

Have a look what the booklet for
CIELCh(85, 11.471, 62.851) contains.

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Color

CIELCh(85, 11.483, 62.845)

Conversions

Conversions Part 1

Format	Color
Hex	E6D0C1
RGB	230, 208, 193
RGB Percent	90%, 82%, 76%
CMY	0.0968, 0.1831, 0.2419
CMYK	0.00, 0.10, 0.16, 0.10
HSL	24°, 43%, 83%
HSV	24°, 16%, 90%
XYZ	65.0309, 66.0070, 59.9475
YIQ	212.8680, 17.9270, -0.0010

Conversions

Conversions Part 2

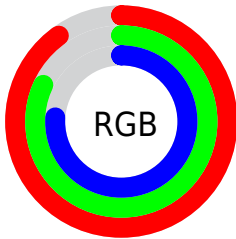
Format	Color
R _Y B	230, 218, 193
Decimal	15126721
CIE Lab	85.00, 5.24, 10.22
CIE LCh	85, 11.483, 62.845
Yxy	66.0070, 0.3405, 0.3456
Android (android.graphics.Color)	4293316801 (0xFFE6D0C1)
YUV	212.8680, -9.7949, 15.0248
Hunter-Lab	81.2447, 0.6989, 13.1234

Details

The CIELCh color **85, 11.483, 62.845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 10.743, 246.551**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **65, 11.648, 65.117** is the 20% darker color. If you saturate the color by 10%, you get **81, 19.230, 61.861**, and if you desaturate by 10%, it is **89, 4.203, 63.817**.

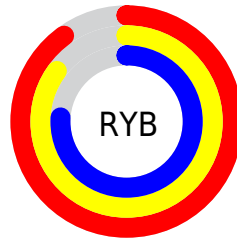
Distribution



Red (90%)

Green (82%)

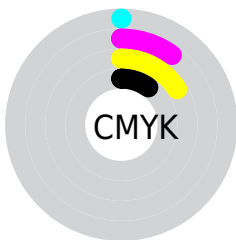
Blue (76%)



Red (90%)

Yellow (85%)

Blue (76%)

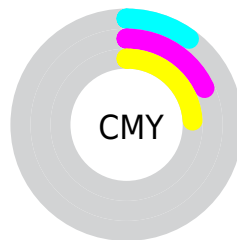


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 11.483, 62.845 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 85, 11.483, 62.845 by changing the saturation by 10% instead.

 85, 11.483, 62.845

 85, 11.483, 62.845

 100, 11.483,
62.845

 75, 11.483, 62.845

 65, 11.483, 62.845

 55, 11.483, 62.845

 45, 11.483, 62.845

 35, 11.483, 62.845

 25, 11.483, 62.845

 15, 11.483, 62.845

 5, 11.483, 62.845

 0, 11.483, 62.845

85, 11.483, 62.845

85, 11.483, 62.845

81, 19.230, 61.861

89, 4.203, 63.817

77, 27.480, 60.884

93, 2.654, 245.155

74, 36.245, 59.942

97, 7.049, 223.147

70, 45.492, 59.035

98, 8.413, 198.952

67, 55.089, 58.134

63, 64.709, 57.145

60, 73.641, 55.847

58, 80.652, 53.817

57, 83.002, 52.946

Harmonies

Complementary

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



85, 11.483, 62.845



85, 10.743, 246.551

Rectangle

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



85, 11.483, 62.845



85, 11.483, 112.845



85, 11.483, 242.845



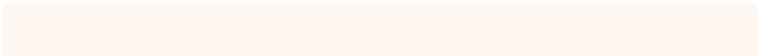
85, 11.483, 292.845

Sweetspot

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



85, 11.483, 62.859



98, 3.747, 63.901



82, 17.894, 339.863



52, 2.563, 63.845



0, 0.000, 0.000



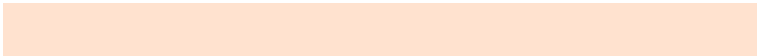
53, 0.007, 296.813

Same Dimension

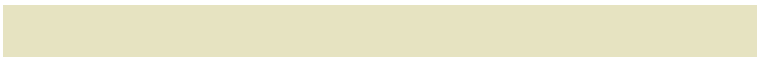
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 11.483, 62.859



92, 14.887, 62.555



90, 17.267, 104.105



46, 3.964, 63.509



45, 68.226, 53.604



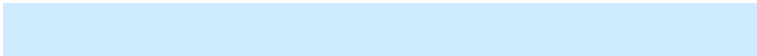
11, 21.243, 50.524

Inverse Universe

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



85, 10.743, 246.551



92, 13.733, 246.985



80, 17.771, 287.698



46, 3.821, 245.707



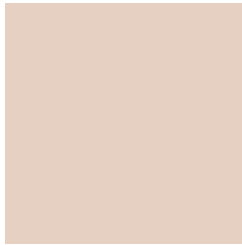
44, 45.497, 272.966



10, 16.907, 263.562

Previews

White Background



This preview shows how the CIELCh color 85, 11.483, 62.845 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 85, 11.483, 62.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

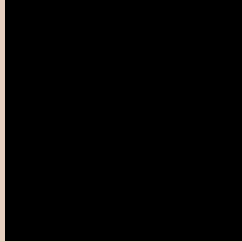
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 11.483, 62.845

Background



This preview shows how black text looks on a background with the CIELCh color 85, 11.483, 62.845.



This preview shows how white text looks on a background with the CIELCh color 85, 11.483, 62.845.

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


85, 11.483, 62.845

Protanopia

85, 9.381, 90.743

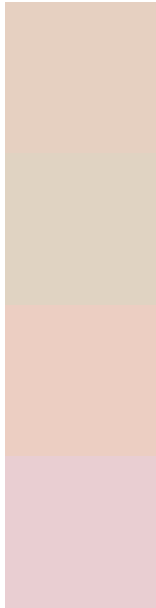
Deuteranopia

85, 14.580, 43.419



Tritanopia
85, 13.778, 342.926

Trichromacy



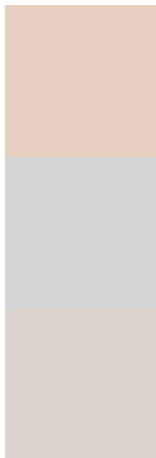
Original Color
85, 11.483, 62.845

Protanomaly
85, 10.155, 80.538

Deuteranomaly
85, 13.062, 48.740

Tritanomaly
85, 10.185, 8.291

Monochromacy



Original Color
85, 11.483, 62.845

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.921, 61.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 11.483, 62.845 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(230, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(230, 208, 193)  
}
```

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(230, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 208, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 11.483, 62.845 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(230, 208, 193) }
```

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

```
.border{ border-color:rgb(230, 208, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 208, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(230, 208,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 11.483, 62.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 208, 193) }
```

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

```
.background{ background-color: rgb(230,  
208, 193) }
```

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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