

Converting Colors

CIELCh(85, 11.246, 77.018)

Have a look what the booklet for
CIELCh(85, 11.246, 77.018) contains.

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Color

CIELCh(85, 11.211, 76.612)

Conversions

Conversions Part 1

Format	Color
Hex	E2D2C0
RGB	226, 210, 192
RGB Percent	89%, 82%, 75%
CMY	0.1141, 0.1768, 0.2474
CMYK	0.00, 0.07, 0.15, 0.11
HSL	32°, 37%, 82%
HSV	32°, 15%, 89%
XYZ	63.8667, 66.0070, 59.1947
YIQ	212.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

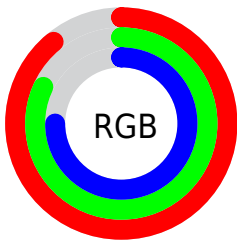
Format	Color
R _Y B	222, 226, 192
Decimal	14865088
CIE Lab	85.00, 2.60, 10.91
CIE LCh	85, 11.211, 76.612
Yxy	66.0070, 0.3378, 0.3491
Android (android.graphics.Color)	4293055168 (0xFFE2D2C0)
YUV	212.7320, -10.2209, 11.6360
Hunter-Lab	81.2447, -1.8589, 13.6727

Details

The CIELCh color $85, 11.211, 76.612$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 10.867, 260.681$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 3.539, 109.892$, and $65, 10.989, 78.165$ is the 20% darker color. If you saturate the color by 10%, you get $82, 19.063, 75.346$, and if you desaturate by 10%, it is $88, 3.680, 77.822$.

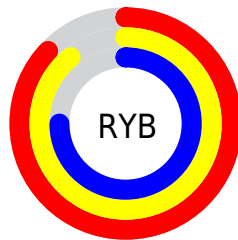
Distribution



Red (89%)

Green (82%)

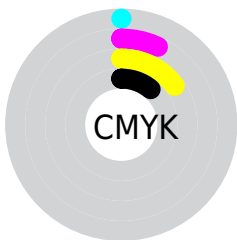
Blue (75%)



Red (87%)

Yellow (89%)

Blue (75%)

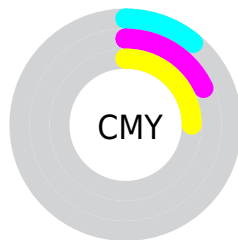


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 11.211, 76.612 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, 11.211, 76.612 by changing the saturation by 10% instead.

 85, 11.211, 76.612

 85, 11.211, 76.612

 100, 11.211,
76.612

 75, 11.211, 76.612

 65, 11.211, 76.612

 55, 11.211, 76.612

 45, 11.211, 76.612

 35, 11.211, 76.612

 25, 11.211, 76.612

 15, 11.211, 76.612

 5, 11.211, 76.612

 0, 11.211, 76.612

85, 11.211, 76.612

85, 11.211, 76.612

82, 19.063, 75.346

88, 3.680, 77.822

79, 27.245, 74.037

91, 3.556, 259.263

76, 35.741, 72.704

95, 8.568, 251.745

73, 44.485, 71.340

97, 9.065, 207.265

70, 53.306, 69.914

98, 9.872, 198.849

67, 61.841, 68.345

65, 69.405, 66.461

62, 74.967, 63.959

61, 77.087, 62.556

Harmonies

Complementary

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



85, 11.211, 76.612



83, 10.867, 260.681

Rectangle

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



85, 11.211, 76.612



85, 11.211, 126.612



85, 11.211, 256.612



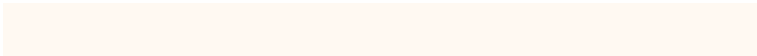
85, 11.211, 306.612

Sweetspot

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



85, 11.212, 76.625



98, 4.021, 77.824



81, 15.244, 345.849



52, 2.748, 77.748



0, 0.000, 0.000



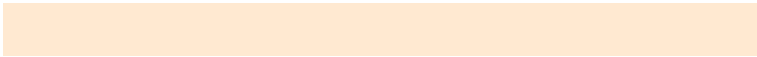
53, 0.007, 296.813

Same Dimension

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



85, 11.212, 76.625



94, 14.892, 76.236



89, 17.586, 109.416



45, 4.158, 77.318



48, 63.779, 63.223



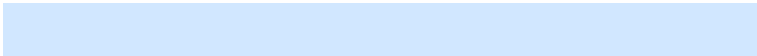
12, 19.690, 63.576

Inverse Universe

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



83, 10.867, 260.681



91, 14.328, 261.172



79, 18.204, 292.421



45, 4.085, 259.858



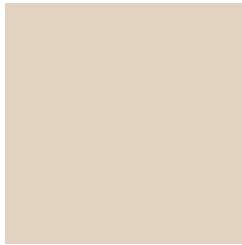
37, 57.757, 286.670



7, 19.922, 277.573

Previews

White Background



This preview shows how the CIELCh color 85, 11.211, 76.612 looks on a white background.

Color Contrast Check

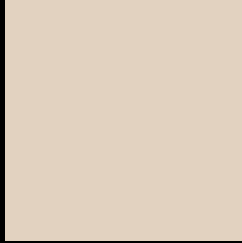
Large Text (above 18pt) WCAG AA × Fail

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, 11.211, 76.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

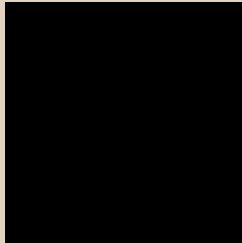
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 11.211, 76.612

Background



This preview shows how black text looks on a background with the CIELCh color 85, 11.211, 76.612.



This preview shows how white text looks on a background with the CIELCh color 85, 11.211, 76.612.

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, 11.211, 76.612

Protanopia

85, 10.498, 90.468

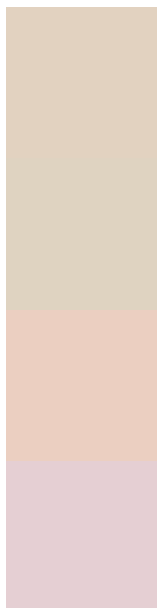
Deuteranopia

85, 14.822, 45.212



Tritanopia
85, 12.108, 336.375

Trichromacy



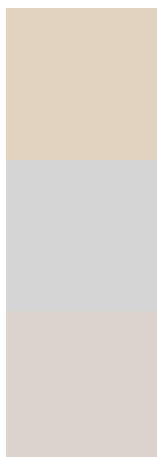
Original Color
85, 11.211, 76.612

Protanomaly
85, 10.451, 83.673

Deuteranomaly
85, 12.974, 54.270

Tritanomaly
85, 8.358, 5.474

Monochromacy



Original Color
85, 11.211, 76.612

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.261, 78.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 11.211, 76.612 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(226, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 192)  
}
```

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(226, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 11.211, 76.612 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(226, 210, 192) }
```

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

```
.border{ border-color:rgb(226, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 210, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 210, 192); box-shadow:4px 4px 4px 4px rgb(226, 210, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 11.211, 76.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 192) }
```

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

```
.background{ background-color: rgb(226,  
210, 192) }
```

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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