

Converting Colors

CIELCh(85, 30.983, 83.851)

Have a look what the booklet for
CIELCh(85, 30.983, 83.851) contains.

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Color

CIELCh(85, 31.012, 83.832)

Conversions

Conversions Part 1

Format	Color
Hex	EFD09A
RGB	239, 208, 154
RGB Percent	94%, 82%, 60%
CMY	0.0615, 0.1831, 0.3949
CMYK	0.00, 0.13, 0.36, 0.06
HSL	38°, 73%, 77%
HSV	38°, 36%, 94%
XYZ	64.1893, 66.0070, 40.0551
YIQ	211.1130, 35.8100, -10.2220

Conversions

Conversions Part 2

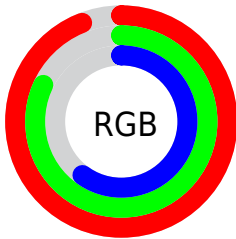
Format	Color
R _Y B	203, 239, 154
Decimal	15716506
CIE Lab	85.00, 3.33, 30.83
CIE LCh	85, 31.012, 83.832
Yxy	66.0070, 0.3770, 0.3877
Android (android.graphics.Color)	4293906586 (0xFFEFD09A)
YUV	211.1130, -28.1567, 24.4569
Hunter-Lab	81.2447, -1.1501, 27.6402

Details

The CIELCh color **85, 31.012, 83.832** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 30.329, 274.431**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **65, 31.283, 84.018** is the 20% darker color. If you saturate the color by 10%, you get **82, 40.149, 82.427**, and if you desaturate by 10%, it is **88, 22.019, 85.206**.

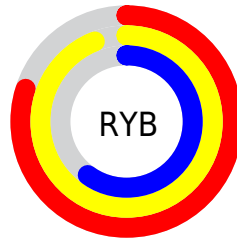
Distribution



Red (94%)

Green (82%)

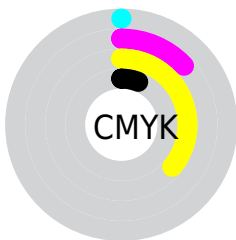
Blue (60%)



Red (80%)

Yellow (94%)

Blue (60%)

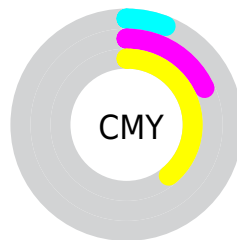


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 31.012, 83.832 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, 31.012, 83.832 by changing the saturation by 10% instead.

 85, 31.012, 83.832

 85, 31.012, 83.832

 100, 31.012,
83.832

 75, 31.012, 83.832

 65, 31.012, 83.832

 55, 31.012, 83.832

 45, 31.012, 83.832

 35, 31.012, 83.832

 25, 31.012, 83.832

 15, 31.012, 83.832

 5, 31.012, 83.832

 0, 31.012, 83.832

85, 31.012, 83.832

85, 31.012, 83.832

82, 40.149, 82.427

88, 22.019, 85.206

80, 49.300, 80.966

90, 13.222, 86.530

78, 58.214, 79.428

93, 4.641, 87.778

75, 66.417, 77.748

96, 3.724, 269.167

73, 73.132, 75.793

98, 4.589, 219.157

71, 77.394, 73.347

99, 5.395, 199.186

70, 78.672, 72.128

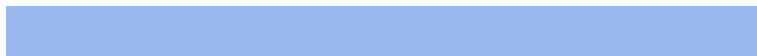
Harmonies

Complementary

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



85, 31.012, 83.832



75, 30.329, 274.431

Rectangle

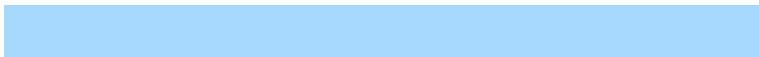
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 31.012, 83.832



85, 31.012, 133.832



85, 31.012, 263.832



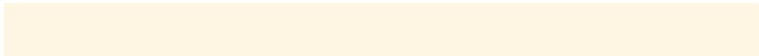
85, 31.012, 313.832

Sweetspot

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



85, 31.013, 83.838



97, 9.801, 87.105



73, 36.021, 355.499



51, 6.598, 86.933



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, 31.013, 83.838



88, 39.834, 82.767



92, 43.236, 112.664



49, 4.805, 87.301



55, 64.475, 72.703



16, 24.184, 75.352

Inverse Universe

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



75, 30.329, 274.431



75, 38.823, 276.185



68, 47.150, 298.964



47, 4.787, 269.836



33, 72.568, 294.734



7, 26.934, 288.146

Previews

White Background



This preview shows how the CIELCh color 85, 31.012, 83.832 looks on a white background.

Color Contrast Check

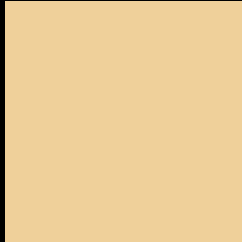
Large Text (above 18pt) WCAG AA × Fail

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, 31.012, 83.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

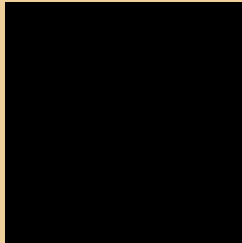
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 31.012, 83.832

Background



This preview shows how black text looks on a background with the CIELCh color 85, 31.012, 83.832.



This preview shows how white text looks on a background with the CIELCh color 85, 31.012, 83.832.

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, 31.012, 83.832

Protanopia

85, 29.882, 95.249

Deuteranopia

85, 32.332, 71.664

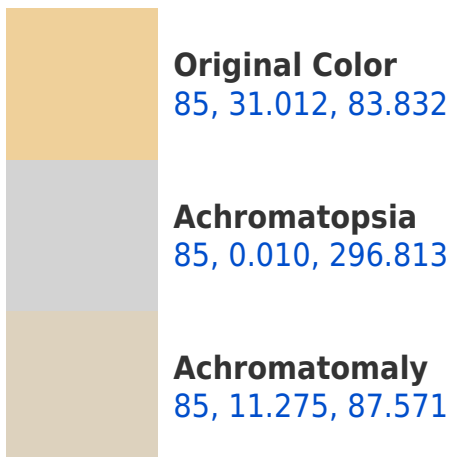


Tritanopia
85, 18.855, 354.583

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 31.012, 83.832 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(239, 208, 154)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 154)  
}
```

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(239, 208, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 31.012, 83.832 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(239, 208, 154) }
```

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

```
.border{ border-color:rgb(239, 208, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 208, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 154);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 31.012, 83.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 154) }
```

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

```
.background{ background-color: rgb(239,  
208, 154) }
```

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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