

Converting Colors

CIELCh(84, 61.329, 95.141)

Have a look what the booklet for
CIELCh(84, 61.329, 95.141) contains.

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Color

CIELCh(84, 61.583, 95.199)

Conversions

Conversions Part 1

Format	Color
Hex	EAD259
RGB	234, 210, 89
RGB Percent	92%, 82%, 35%
CMY	0.0838, 0.1778, 0.6523
CMYK	0.00, 0.10, 0.62, 0.08
HSL	50°, 77%, 63%
HSV	50°, 62%, 92%
XYZ	58.5581, 64.0658, 18.6563
YIQ	203.3820, 53.1450, -32.5430

Conversions

Conversions Part 2

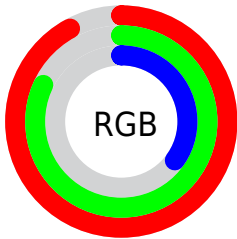
Format	Color
RYB	118, 234, 89
Decimal	15389273
CIELab	84.00, -5.58, 61.33
CIELCh	84, 61.583, 95.199
Yxy	64.0658, 0.4145, 0.4535
Android (android.graphics.Color)	4293579353 (0xFFEAD259)
YUV	203.3820, -56.3903, 26.8520
Hunter-Lab	80.0411, -9.4813, 42.2092

Details

The CIELCh color **84, 61.583, 95.199** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **52, 69.929, 293.679**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 55.386, 105.939**, and **64, 61.677, 95.323** is the 20% darker color. If you saturate the color by 10%, you get **83, 69.652, 94.025**, and if you desaturate by 10%, it is **85, 52.439, 96.385**.

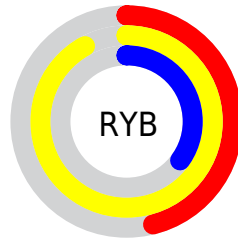
Distribution



Red (92%)

Green (82%)

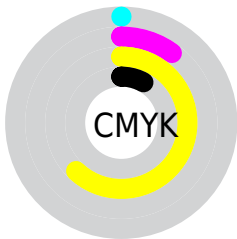
Blue (35%)



Red (46%)

Yellow (92%)

Blue (35%)

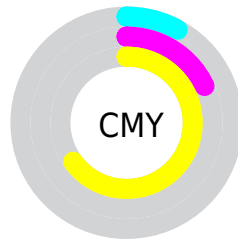


Cyan (0%)

Magenta (10%)

Yellow (62%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 61.583, 95.199 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, 61.583, 95.199 by changing the saturation by 10% instead.

 84, 61.583, 95.199

 84, 61.583, 95.199

 100, 61.583,
95.199

 74, 61.583, 95.199

 64, 61.583, 95.199

 54, 61.583, 95.199

 44, 61.583, 95.199

 34, 61.583, 95.199

 24, 61.583, 95.199

 14, 61.583, 95.199

 4, 61.583, 95.199

 0, 61.583, 95.199

84, 61.583, 95.199

84, 61.583, 95.199

83, 69.652, 94.025

85, 52.439, 96.385

82, 75.982, 92.845

87, 42.690, 97.572

81, 79.863, 91.630

88, 32.635, 98.754

80, 81.235, 90.615

89, 22.451, 99.920

91, 12.242,
101.059

92, 2.066, 102.110

94, 8.044, 283.280

95, 7.751, 272.962

96, 6.502, 256.023

Harmonies

Complementary

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



84, 61.583, 95.199



52, 69.929, 293.679

Rectangle

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



84, 61.583, 95.199



84, 61.583, 145.199



84, 61.583, 275.199



84, 61.583, 325.199

Sweetspot

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



84, 61.583, 95.202



97, 20.762, 100.261



58, 60.115, 16.009



51, 14.295, 99.930



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, 61.583, 95.202



89, 76.174, 93.754



87, 73.154, 119.950



48, 5.787, 101.346



63, 67.213, 90.841



18, 26.475, 93.099

Inverse Universe

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



52, 69.929, 293.679



48, 91.365, 297.126



50, 84.016, 307.607



46, 5.867, 283.532



25, 93.611, 303.447



4, 31.660, 294.427

Previews

White Background



This preview shows how the CIELCh color 84, 61.583, 95.199 looks on a white background.

Color Contrast Check

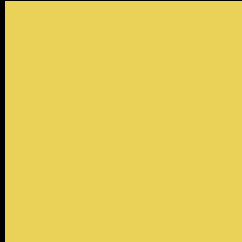
Large Text (above 18pt) WCAG AA × Fail

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, 61.583, 95.199 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, 61.583, 95.199

Background



This preview shows how black text looks on a background with the CIELCh color 84, 61.583, 95.199.



This preview shows how white text looks on a background with the CIELCh color 84, 61.583, 95.199.

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, 61.583, 95.199

Protanopia

84, 61.501, 95.594

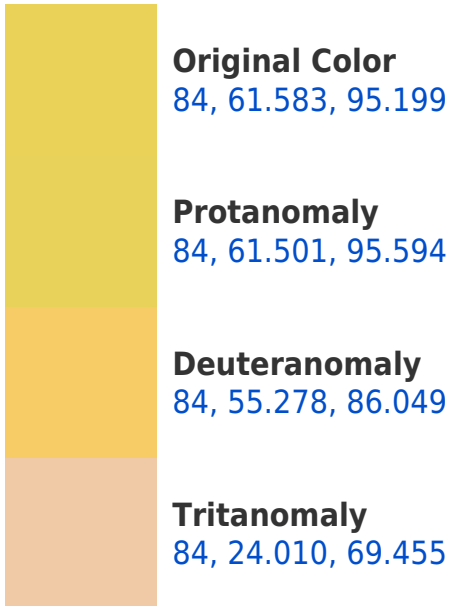
Deuteranopia

84, 52.327, 79.282



Tritanopia
84, 19.045, 356.587

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 61.583, 95.199 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(234, 210, 89)` looks like.

```
.text, #text, p{  
    color:rgb(234, 210, 89)  
}
```

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(234, 210, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 210, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 61.583, 95.199 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(234, 210, 89) }
```

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

```
.border{ border-color:rgb(234, 210, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 210, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 210, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 210, 89);  
box-shadow:4px 4px 4px 4px rgb(234, 210,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 61.583, 95.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 210, 89) }
```

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

```
.background{ background-color: rgb(234,  
210, 89) }
```

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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