

Converting Colors

CIELCh(79, 56.259, 83.943)

Have a look what the booklet for
CIELCh(79, 56.259, 83.943) contains.

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Color

CIELCh(79, 56.072, 83.764)

Conversions

Conversions Part 1

Format	Color
Hex	ECBD59
RGB	236, 189, 89
RGB Percent	93%, 74%, 35%
CMY	0.0747, 0.2589, 0.6511
CMYK	0.00, 0.20, 0.62, 0.07
HSL	41°, 79%, 64%
HSV	41°, 62%, 93%
XYZ	54.5723, 54.9284, 17.1704
YIQ	191.6530, 60.1120, -21.1360

Conversions

Conversions Part 2

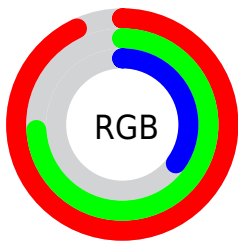
Format	Color
RYB	158, 236, 89
Decimal	15514969
CIELab	79.00, 6.09, 55.74
CIELCh	79, 56.072, 83.764
Yxy	54.9284, 0.4308, 0.4336
Android (android.graphics.Color)	4293705049 (0xFFECBD59)
YUV	191.6530, -50.6079, 38.8923
Hunter-Lab	74.1137, 1.7363, 38.1435

Details

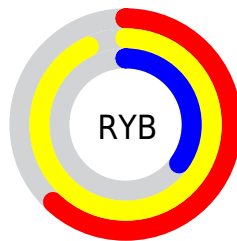
The CIELCh color **79, 56.072, 83.764** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **58, 57.211, 284.885**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 51.637, 101.638**, and **59, 55.992, 83.626** is the 20% darker color. If you saturate the color by 10%, you get **77, 64.323, 82.195**, and if you desaturate by 10%, it is **81, 47.158, 85.242**.

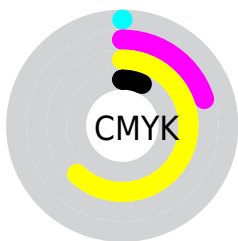
Distribution



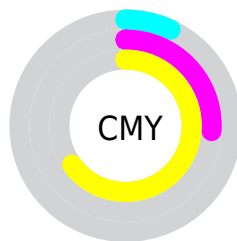
- Red (93%)
- Green (74%)
- Blue (35%)



- Red (62%)
- Yellow (93%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (62%)
- Black (7%)



- Cyan (7%)
- Magenta (26%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 56.072, 83.764 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 79, 56.072, 83.764 by changing the saturation by 10% instead.

79, 56.072, 83.764

79, 56.072, 83.764

100, 56.072,
83.764

69, 56.072, 83.764

99, 56.072, 83.764

59, 56.072, 83.764

49, 56.072, 83.764

39, 56.072, 83.764

29, 56.072, 83.764

19, 56.072, 83.764

9, 56.072, 83.764

0, 56.072, 83.764

79, 56.072, 83.764

79, 56.072, 83.764

77, 64.323, 82.195

81, 47.158, 85.242

75, 71.234, 80.439

83, 37.992, 86.659

73, 75.907, 78.348

86, 28.803, 88.031

72, 77.877, 76.463

88, 19.706, 89.363

90, 10.758, 90.647

93, 1.979, 91.789

95, 6.625, 273.163

97, 5.375, 232.024

99, 6.527, 199.094

Harmonies

Complementary

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



79, 56.072, 83.764



58, 57.211, 284.885

Rectangle

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



79, 56.072, 83.764



79, 56.072, 133.764



79, 56.072, 263.764



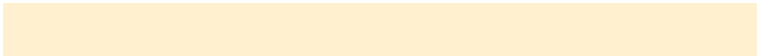
79, 56.072, 313.764

Sweetspot

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



79, 56.072, 83.767



95, 17.829, 89.782



59, 60.772, 3.178



50, 12.305, 89.408



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 56.072, 83.767



82, 70.618, 81.689



89, 71.778, 112.516



48, 4.932, 90.998



56, 63.893, 76.975



16, 23.535, 79.837

Inverse Universe

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



58, 57.211, 284.885



55, 74.535, 289.181



48, 85.423, 303.588



46, 4.938, 273.467



30, 77.155, 297.292



6, 27.318, 289.612

Previews

White Background



This preview shows how the CIELCh color 79, 56.072, 83.764 looks on a white background.

Color Contrast Check

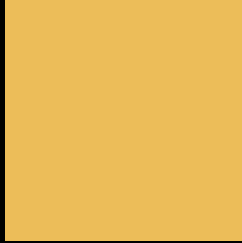
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 56.072, 83.764 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 79, 56.072, 83.764

Background



This preview shows how black text looks on a background with the CIELCh color 79, 56.072, 83.764.



This preview shows how white text looks on a background with the CIELCh color 79, 56.072, 83.764.

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

79, 56.072, 83.764

Protanopia

79, 54.627, 95.617

Deuteranopia

79, 56.244, 79.526



Tritanopia
79, 26.107, 5.296

Trichromacy



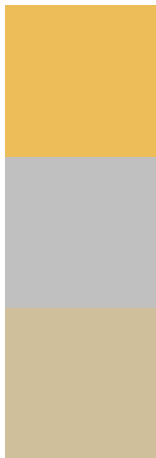
Original Color
79, 56.072, 83.764

Protanomaly
79, 54.832, 90.985

Deuteranomaly
79, 56.004, 80.888

Tritanomaly
79, 28.373, 51.001

Monochromacy



Original Color
79, 56.072, 83.764

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 20.368, 88.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 56.072, 83.764 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(236, 189, 89)` looks like.

```
.text, #text, p{  
    color:rgb(236, 189, 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(236, 189, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 189, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 56.072, 83.764 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(236, 189, 89) }
```

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

```
.border{ border-color:rgb(236, 189, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 189, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 189, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 189, 89);  
box-shadow:4px 4px 4px 4px rgb(236, 189,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 56.072, 83.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 189, 89) }
```

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

```
.background{ background-color: rgb(236,  
189, 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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