

Converting Colors

CIELCh(79, 58.594, 87.258)

Have a look what the booklet for
CIELCh(79, 58.594, 87.258) contains.

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Color

CIELCh(79, 58.466, 87.065)

Conversions

Conversions Part 1

Format	Color
Hex	E8BF53
RGB	232, 191, 83
RGB Percent	91%, 75%, 33%
CMY	0.0910, 0.2517, 0.6752
CMYK	0.00, 0.18, 0.64, 0.09
HSL	43°, 76%, 62%
HSV	43°, 64%, 91%
XYZ	53.3612, 54.9284, 15.9382
YIQ	190.9470, 59.1040, -24.8960

Conversions

Conversions Part 2

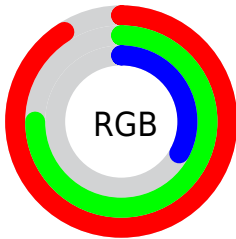
Format	Color
RYB	140, 232, 83
Decimal	15253331
CIELab	79.00, 2.99, 58.39
CIELCh	79, 58.466, 87.065
Yxy	54.9284, 0.4295, 0.4422
Android (android.graphics.Color)	4293443411 (0xFFE8BF53)
YUV	190.9470, -53.2179, 36.0035
Hunter-Lab	74.1137, -1.1805, 39.1292

Details

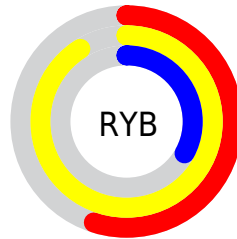
The CIELCh color **79, 58.466, 87.065** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **54, 62.218, 288.384**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 54.796, 102.505**, and **59, 58.535, 87.062** is the 20% darker color. If you saturate the color by 10%, you get **77, 66.276, 85.564**, and if you desaturate by 10%, it is **81, 49.759, 88.490**.

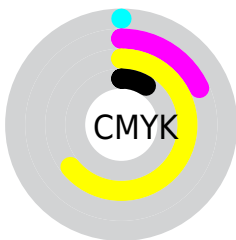
Distribution



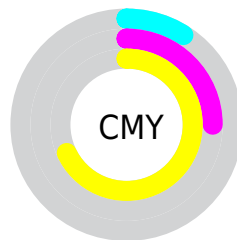
- Red (91%)
- Green (75%)
- Blue (33%)



- Red (55%)
- Yellow (91%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (64%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 58.466, 87.065 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, 58.466, 87.065 by changing the saturation by 10% instead.

 79, 58.466, 87.065

 79, 58.466, 87.065

 100, 58.466,
87.065

 69, 58.466, 87.065

 99, 58.466, 87.065

 59, 58.466, 87.065

 49, 58.466, 87.065

 39, 58.466, 87.065

 29, 58.466, 87.065

 19, 58.466, 87.065

 9, 58.466, 87.065

 0, 58.466, 87.065

 79, 58.466, 87.065

 79, 58.466, 87.065

77, 66.276, 85.564

81, 49.759, 88.490

76, 72.469, 83.907

83, 40.628, 89.864

74, 76.216, 81.973

85, 31.350, 91.200

73, 77.389, 80.739

87, 22.077, 92.501

89, 12.887, 93.759

91, 3.818, 94.942

93, 5.113, 276.223

95, 7.520, 263.643

97, 6.530, 231.413

Harmonies

Complementary

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



79, 58.466, 87.065



54, 62.218, 288.384

Rectangle

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



79, 58.466, 87.065



79, 58.466, 137.065



79, 58.466, 267.065



79, 58.466, 317.065

Sweetspot

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



79, 58.466, 87.068



96, 18.609, 93.157



57, 61.237, 7.584



50, 12.833, 92.793



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, 58.466, 87.068



84, 73.550, 85.066



87, 73.120, 114.771



47, 5.068, 94.345



57, 63.715, 81.173



16, 22.985, 84.147

Inverse Universe

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



54, 62.218, 288.384



52, 82.090, 292.595



46, 86.833, 304.966



45, 5.096, 276.733



28, 81.421, 299.451



5, 27.167, 290.159

Previews

White Background



This preview shows how the CIELCh color 79, 58.466, 87.065 looks on a white background.

Color Contrast Check

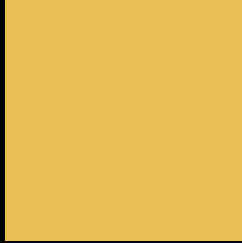
Large Text (above 18pt) WCAG AA × Fail

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 79, 58.466, 87.065 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, 58.466, 87.065

Background



This preview shows how black text looks on a background with the CIELCh color 79, 58.466, 87.065.



This preview shows how white text looks on a background with the CIELCh color 79, 58.466, 87.065.

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, 58.466, 87.065

Protanopia

79, 57.818, 95.374

Deuteranopia

79, 59.018, 79.975



Tritanopia
79, 24.603, 4.092

Trichromacy



Original Color
79, 58.466, 87.065

Protanomaly
79, 57.667, 92.270

Deuteranomaly
79, 58.580, 82.589

Tritanomaly
79, 27.922, 55.203

Monochromacy



Original Color
79, 58.466, 87.065

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 21.637, 92.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 58.466, 87.065 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(232, 191, 83)` looks like.

```
.text, #text, p{  
    color:rgb(232, 191, 83)  
}
```

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(232, 191, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 191, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 58.466, 87.065 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(232, 191, 83) }
```

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

```
.border{ border-color:rgb(232, 191, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 191, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 191, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 191, 83);  
box-shadow:4px 4px 4px 4px rgb(232, 191,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 58.466, 87.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 191, 83) }
```

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

```
.background{ background-color: rgb(232,  
191, 83) }
```

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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