

Converting Colors

CIELCh(79, 66.842, 81.984)

Have a look what the booklet for
CIELCh(79, 66.842, 81.984) contains.

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Color

CIELCh(79, 66.951, 82.100)

Conversions

Conversions Part 1

Format	Color
Hex	F4BB41
RGB	244, 187, 65
RGB Percent	96%, 73%, 25%
CMY	0.0447, 0.2680, 0.7465
CMYK	0.00, 0.23, 0.73, 0.04
HSL	41°, 89%, 60%
HSV	41°, 73%, 96%
XYZ	55.8072, 54.9284, 12.6062
YIQ	190.1350, 73.1340, -25.8580

Conversions

Conversions Part 2

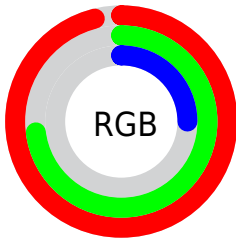
Format	Color
R _Y B	149, 244, 65
Decimal	16038721
CIE Lab	79.00, 9.20, 66.32
CIE LCh	79, 66.951, 82.100
Yxy	54.9284, 0.4525, 0.4453
Android (android.graphics.Color)	4294228801 (0xFFFF4BB41)
YUV	190.1350, -61.6916, 47.2396
Hunter-Lab	74.1137, 4.7105, 41.7948

Details

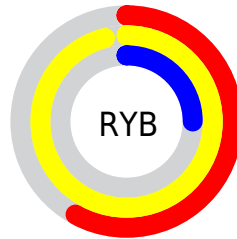
The CIELCh color **79, 66.951, 82.100** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **53, 70.358, 288.682**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 60.972, 100.717**, and **59, 65.014, 81.801** is the 20% darker color. If you saturate the color by 10%, you get **77, 73.785, 80.314**, and if you desaturate by 10%, it is **81, 58.621, 83.694**.

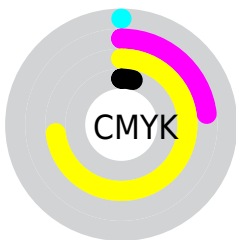
Distribution



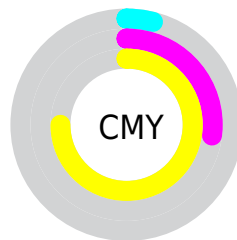
- Red (96%)
- Green (73%)
- Blue (25%)



- Red (58%)
- Yellow (96%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (73%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 66.951, 82.100 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, 66.951, 82.100 by changing the saturation by 10% instead.

 79, 66.951, 82.100

 79, 66.951, 82.100

 100, 66.951,
82.100

 69, 66.951, 82.100

 99, 66.951, 82.100

 59, 66.951, 82.100

 49, 66.951, 82.100

 39, 66.951, 82.100

 29, 66.951, 82.100

 19, 66.951, 82.100

 9, 66.951, 82.100

 0, 66.951, 82.100

 79, 66.951, 82.100

 79, 66.951, 82.100

77, 73.785, 80.314

81, 58.621, 83.694

75, 78.197, 78.168

83, 49.532, 85.179

74, 79.780, 76.550

86, 40.139, 86.603

88, 30.697, 87.982

90, 21.338, 89.320

93, 12.124, 90.612

95, 3.082, 91.804

98, 3.659, 261.899

99, 3.937, 199.324

Harmonies

Complementary

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



79, 66.951, 82.100



53, 70.358, 288.682

Rectangle

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



79, 66.951, 82.100



79, 66.951, 132.100



79, 66.951, 262.100



79, 66.951, 312.100

Sweetspot

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



79, 66.950, 82.103



94, 20.733, 89.506



56, 71.124, 6.651



50, 13.966, 89.148



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, 66.950, 82.103



79, 78.923, 79.352



91, 83.431, 112.185



50, 5.115, 91.108



58, 65.232, 77.054



18, 25.986, 79.866

Inverse Universe

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



53, 70.358, 288.682



48, 89.067, 293.940



42, 103.726, 305.124



48, 5.122, 273.586



31, 79.106, 297.441



7, 30.066, 291.513

Previews

White Background



This preview shows how the CIELCh color 79, 66.951, 82.100 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, 66.951, 82.100 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, 66.951, 82.100

Background



This preview shows how black text looks on a background with the CIELCh color 79, 66.951, 82.100.



This preview shows how white text looks on a background with the CIELCh color 79, 66.951, 82.100.

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, 66.951, 82.100

Protanopia

79, 64.897, 95.294

Deuteranopia

79, 66.986, 81.288



Tritanopia
79, 30.254, 9.080

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 66.951, 82.100 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(244, 187, 65)` looks like.

```
.text, #text, p{  
    color:rgb(244, 187, 65)  
}
```

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(244, 187, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 187, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 66.951, 82.100 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(244, 187, 65) }
```

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

```
.border{ border-color:rgb(244, 187, 65) }
```

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

Here you see how a box with a 4 pixel rgb(244, 187, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 187, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 187, 65);  
box-shadow:4px 4px 4px 4px rgb(244, 187,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 66.951, 82.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 187, 65) }
```

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

```
.background{ background-color: rgb(244,  
187, 65) }
```

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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