

Converting Colors

CIELCh(80, 49.478, 78.027)

Have a look what the booklet for
CIELCh(80, 49.478, 78.027) contains.

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Color

CIELCh(80, 49.478, 78.027)

Conversions

Conversions Part 1

Format	Color
Hex	F3BD6B
RGB	243, 189, 107
RGB Percent	95%, 74%, 42%
CMY	0.0459, 0.2578, 0.5794
CMYK	0.00, 0.22, 0.56, 0.05
HSL	36°, 85%, 69%
HSV	36°, 56%, 95%
XYZ	57.9832, 56.6813, 21.8632
YIQ	195.7980, 58.5060, -14.0540

Conversions

Conversions Part 2

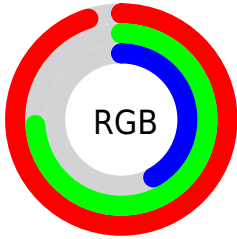
Format	Color
R _Y B	197, 243, 107
Decimal	15973739
CIE Lab	80.00, 10.26, 48.40
CIE LCh	80, 49.478, 78.027
Yxy	56.6813, 0.4247, 0.4152
Android (android.graphics.Color)	4294163819 (0xFFFF3BD6B)
YUV	195.7980, -43.7774, 41.3962
Hunter-Lab	75.2870, 5.7218, 35.4831

Details

The CIELCh color **80, 49.478, 78.027** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **66, 46.787, 276.954**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 43.002, 101.513**, and **60, 49.634, 78.055** is the 20% darker color. If you saturate the color by 10%, you get **77, 58.569, 76.487**, and if you desaturate by 10%, it is **83, 40.225, 79.493**.

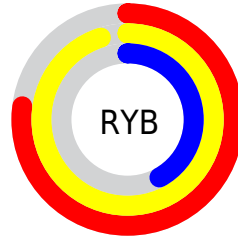
Distribution



Red (95%)

Green (74%)

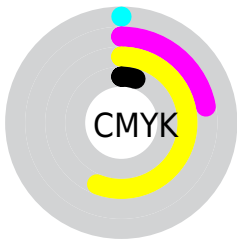
Blue (42%)



Red (77%)

Yellow (95%)

Blue (42%)

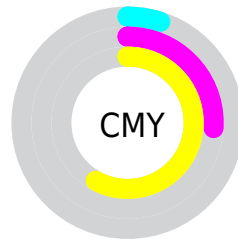


Cyan (0%)

Magenta (22%)

Yellow (56%)

Black (5%)



Cyan (5%)

Magenta (26%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 49.478, 78.027 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 80, 49.478, 78.027 by changing the saturation by 10% instead.

 80, 49.478, 78.027

 80, 49.478, 78.027

 100, 49.478,
78.027

 70, 49.478, 78.027

 60, 49.478, 78.027

 50, 49.478, 78.027

 40, 49.478, 78.027

 30, 49.478, 78.027

 20, 49.478, 78.027

 10, 49.478, 78.027

 0, 49.478, 78.027

 80, 49.478, 78.027

 80, 49.478, 78.027

77, 58.569, 76.487

83, 40.225, 79.493

75, 67.028, 74.786

85, 31.054, 80.906

73, 74.055, 72.773

88, 22.082, 82.280

70, 78.626, 70.196

91, 13.355, 83.610

69, 79.960, 69.029

94, 4.884, 84.867

97, 3.339, 266.291

99, 4.043, 199.313

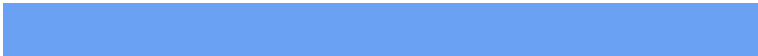
Harmonies

Complementary

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



80, 49.478, 78.027



66, 46.787, 276.954

Rectangle

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



80, 49.478, 78.027



80, 49.478, 128.027



80, 49.478, 258.027



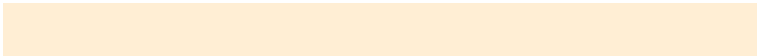
80, 49.478, 308.027

Sweetspot

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



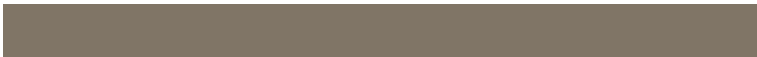
80, 49.478, 78.031



95, 14.845, 83.463



64, 57.609, 356.781



50, 9.960, 83.198



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 49.478, 78.031



80, 61.839, 76.285



93, 66.664, 109.704



50, 4.744, 84.434



54, 65.341, 69.643



16, 25.067, 72.093

Inverse Universe

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



66, 46.787, 276.954



63, 58.558, 280.618



53, 78.100, 301.077



48, 4.708, 267.003



35, 69.383, 292.642



8, 26.558, 286.292

Previews

White Background



This preview shows how the CIELCh color 80, 49.478, 78.027 looks on a white background.

Color Contrast Check

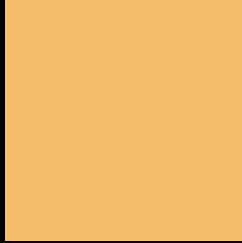
Large Text (above 18pt) WCAG AA × Fail

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 80, 49.478, 78.027 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 80, 49.478, 78.027

Background



This preview shows how black text looks on a background with the CIELCh color 80, 49.478, 78.027.



This preview shows how white text looks on a background with the CIELCh color 80, 49.478, 78.027.

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


80, 49.478, 78.027

Protanopia

80, 46.408, 95.994

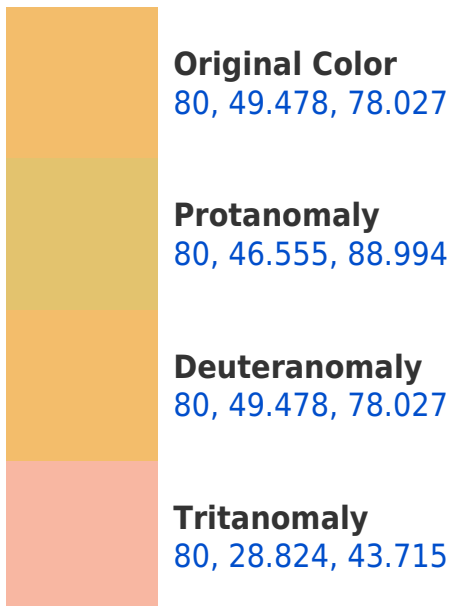
Deuteranopia

80, 49.478, 78.027



Tritanopia
80, 27.943, 6.614

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 49.478, 78.027 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(243, 189, 107)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 107)  
}
```

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(243, 189, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 49.478, 78.027 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(243, 189, 107) }
```

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

```
.border{ border-color:rgb(243, 189, 107) }
```

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

Here you see how a box with a 4 pixel rgb(243, 189, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 107);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 49.478, 78.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 107) }
```

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

```
.background{ background-color: rgb(243,  
189, 107) }
```

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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