

Converting Colors

CIELCh(78, 45.020, 70.444)

Have a look what the booklet for
CIELCh(78, 45.020, 70.444) contains.

CIELCh(78, 45.235, 70.596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 45.235, 70.596)

Conversions

Conversions Part 1

Format	Color
Hex	F3B572
RGB	243, 181, 114
RGB Percent	95%, 71%, 45%
CMY	0.0478, 0.2908, 0.5536
CMYK	0.00, 0.26, 0.53, 0.05
HSL	31°, 84%, 70%
HSV	31°, 53%, 95%
XYZ	56.4155, 53.2120, 23.1697
YIQ	191.9000, 58.4590, -7.6930

Conversions

Conversions Part 2

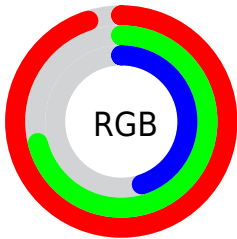
Format	Color
R _Y B	233, 243, 114
Decimal	15971698
CIE Lab	78.00, 15.03, 42.67
CIE LCh	78, 45.235, 70.596
Yxy	53.2120, 0.4248, 0.4007
Android (android.graphics.Color)	4294161778 (0xFFFF3B572)
YUV	191.9000, -38.4047, 44.8147
Hunter-Lab	72.9466, 10.3922, 32.2306

Details

The CIELCh color **78, 45.235, 70.596** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70, 39.500, 268.072**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.361, 96.014**, and **58, 45.233, 70.371** is the 20% darker color. If you saturate the color by 10%, you get **75, 54.630, 69.208**, and if you desaturate by 10%, it is **81, 35.990, 71.942**.

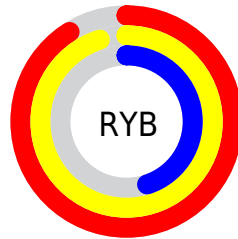
Distribution



Red (95%)

Green (71%)

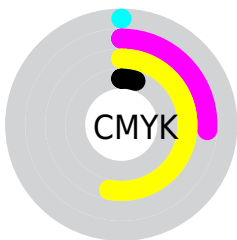
Blue (45%)



Red (91%)

Yellow (95%)

Blue (45%)

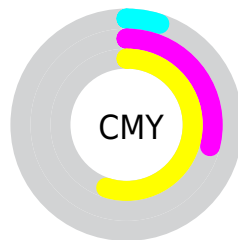


Cyan (0%)

Magenta (26%)

Yellow (53%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 45.235, 70.596 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 78, 45.235, 70.596 by changing the saturation by 10% instead.

 78, 45.235, 70.596

 78, 45.235, 70.596

 100, 45.235,
70.596

 68, 45.235, 70.596

 98, 45.235, 70.596

 58, 45.235, 70.596

 48, 45.235, 70.596

 38, 45.235, 70.596

 28, 45.235, 70.596

 18, 45.235, 70.596

 8, 45.235, 70.596

 0, 45.235, 70.596

 78, 45.235, 70.596

 78, 45.235, 70.596

75, 54.630, 69.208

81, 35.990, 71.942

72, 63.840, 67.693

84, 27.049, 73.258

69, 72.201, 65.898

88, 18.466, 74.554

67, 78.647, 63.528

91, 10.247, 75.818

65, 81.772, 61.524

95, 2.376, 76.943

98, 3.464, 237.213

99, 4.205, 199.296

Harmonies

Complementary

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



78, 45.235, 70.596



70, 39.500, 268.072

Rectangle

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



78, 45.235, 70.596



78, 45.235, 120.596



78, 45.235, 250.596



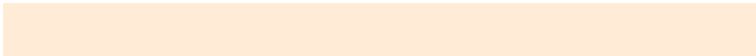
78, 45.235, 300.596

Sweetspot

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



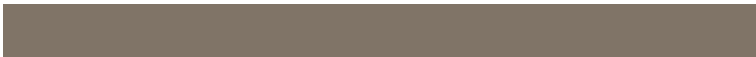
78, 45.235, 70.600



94, 13.093, 75.453



65, 56.867, 350.631



49, 8.880, 75.192



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 45.235, 70.600



78, 57.718, 69.056



93, 63.385, 105.942



49, 4.434, 76.261



51, 66.788, 62.198



15, 24.646, 63.465

Inverse Universe

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



70, 39.500, 268.072



68, 49.201, 271.696



54, 73.814, 298.600



49, 4.349, 258.814



39, 59.293, 285.949



10, 22.949, 278.827

Previews

White Background



This preview shows how the CIELCh color 78, 45.235, 70.596 looks on a white background.

Color Contrast Check

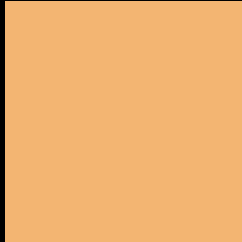
Large Text (above 18pt) WCAG AA × Fail

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 78, 45.235, 70.596 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 78, 45.235, 70.596

Background



This preview shows how black text looks on a background with the CIELCh color 78, 45.235, 70.596.



This preview shows how white text looks on a background with the CIELCh color 78, 45.235, 70.596.

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

78, 45.235, 70.596

Protanopia

78, 40.150, 95.594

Deuteranopia

78, 44.035, 76.724

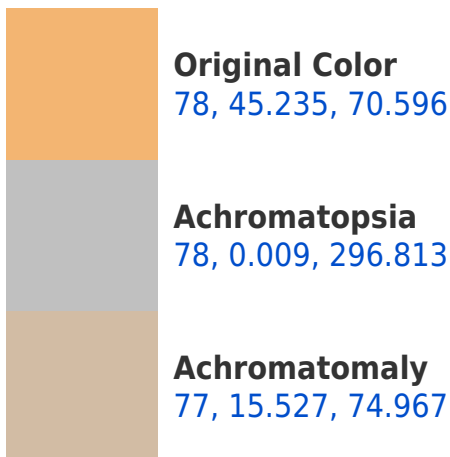


Tritanopia
78, 30.347, 9.132

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 45.235, 70.596 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, 181, 114)` looks like.

```
.text, #text, p{  
    color:rgb(243, 181, 114)  
}
```

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, 181, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 181, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 45.235, 70.596 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, 181, 114) }
```

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

```
.border{ border-color:rgb(243, 181, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 181, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 181, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 181, 114);  
box-shadow:4px 4px 4px 4px rgb(243, 181,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 45.235, 70.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 181, 114) }
```

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

```
.background{ background-color: rgb(243,  
181, 114) }
```

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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