

Converting Colors

CIELCh(78, 48.615, 62.457)

Have a look what the booklet for
CIELCh(78, 48.615, 62.457) contains.

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Color

CIELCh(78, 48.287, 62.788)

Conversions

Conversions Part 1

Format	Color
Hex	FEB072
RGB	254, 176, 114
RGB Percent	100%, 69%, 45%
CMY	0.0048, 0.3106, 0.5537
CMYK	0.00, 0.31, 0.55, 0.00
HSL	27°, 98%, 72%
HSV	27°, 55%, 100%
XYZ	59.3041, 53.2120, 23.0088
YIQ	192.2540, 66.3900, -2.7460

Conversions

Conversions Part 2

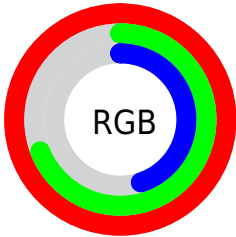
Format	Color
R_{YB}	254, 225, 114
Decimal	16691314
CIE _{Lab}	78.00, 22.08, 42.94
CIE _{LCh}	78, 48.287, 62.788
Yxy	53.2120, 0.4376, 0.3926
Android (android.graphics.Color)	4294881394 (0xFFFE072)
YUV	192.2540, -38.5792, 54.1512
Hunter-Lab	72.9466, 17.4605, 32.3614

Details

The CIELCh color **78, 48.287, 62.788** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75, 38.473, 259.819**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 34.533, 92.142**, and **58, 48.365, 62.607** is the 20% darker color. If you saturate the color by 10%, you get **74, 58.425, 61.677**, and if you desaturate by 10%, it is **82, 38.456, 63.888**.

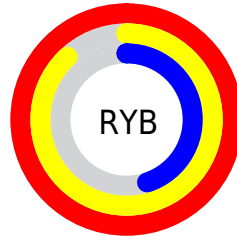
Distribution



Red (100%)

Green (69%)

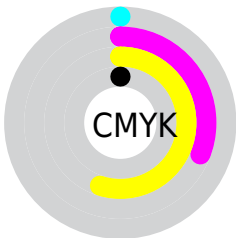
Blue (45%)



Red (100%)

Yellow (88%)

Blue (45%)

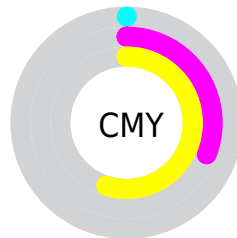


Cyan (0%)

Magenta (31%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 48.287, 62.788 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, 48.287, 62.788 by changing the saturation by 10% instead.

 78, 48.287, 62.788

 78, 48.287, 62.788

 100, 48.287,
62.788

 68, 48.287, 62.788

 98, 48.287, 62.788

 58, 48.287, 62.788

 48, 48.287, 62.788

 38, 48.287, 62.788

 28, 48.287, 62.788

 18, 48.287, 62.788

 8, 48.287, 62.788

 0, 48.287, 62.788

 78, 48.287, 62.788

 78, 48.287, 62.788

74, 58.425, 61.677

82, 38.456, 63.888

71, 68.510, 60.451

85, 29.082, 64.994

68, 77.784, 58.907

89, 20.209, 66.114

65, 84.972, 56.653

93, 11.828, 67.235

64, 87.676, 55.347

97, 3.907, 68.289

100, 0.425,
200.937

Harmonies

Complementary

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



78, 48.287, 62.788



75, 38.473, 259.819

Rectangle

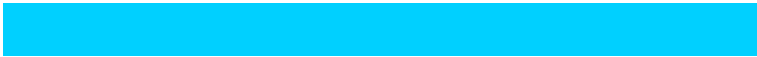
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 48.287, 62.788



78, 48.287, 112.788



78, 48.287, 242.788



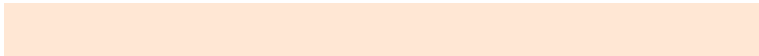
78, 48.287, 292.788

Sweetspot

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



78, 48.286, 62.792



93, 13.394, 67.028



67, 63.602, 345.858



49, 9.011, 66.803



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, 48.286, 62.792



75, 59.523, 61.577



95, 64.213, 101.684



51, 4.385, 67.852



49, 70.532, 56.040



15, 27.175, 56.225

Inverse Universe

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



75, 38.473, 259.819



71, 45.302, 263.542



57, 74.054, 296.263



51, 4.249, 250.233



45, 51.912, 277.999



13, 21.425, 271.031

Previews

White Background



This preview shows how the CIELCh color 78, 48.287, 62.788 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, 48.287, 62.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

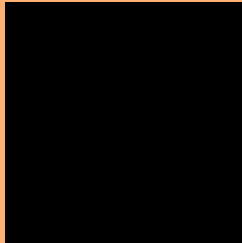
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 48.287, 62.788

Background



This preview shows how black text looks on a background with the CIELCh color 78, 48.287, 62.788.



This preview shows how white text looks on a background with the CIELCh color 78, 48.287, 62.788.

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, 48.287, 62.788

Protanopia

78, 39.155, 95.436

Deuteranopia

78, 44.491, 76.976



Tritanopia
78, 33.427, 12.521

Trichromacy



Original Color
78, 48.287, 62.788

Protanomaly
78, 40.588, 81.892

Deuteranomaly
78, 45.396, 71.319

Tritanomaly
78, 35.045, 35.094

Monochromacy



Original Color
78, 48.287, 62.788

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 16.237, 66.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 48.287, 62.788 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(254, 176, 114)` looks like.

```
.text, #text, p{  
    color:rgb(254, 176, 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(254, 176, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 176, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 48.287, 62.788 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(254, 176, 114) }
```

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

```
.border{ border-color:rgb(254, 176, 114) }
```

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

Here you see how a box with a 4 pixel rgb(254, 176, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 176, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 176, 114);  
box-shadow:4px 4px 4px 4px rgb(254, 176,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 48.287, 62.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 176, 114) }
```

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

```
.background{ background-color: rgb(254,  
176, 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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