

Converting Colors

CIELCh(79, 45.342, 65.305)

Have a look what the booklet for
CIELCh(79, 45.342, 65.305) contains.

CIELCh(79, 45.037, 65.395)	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(79, 45.037, 65.395)

Conversions

Conversions Part 1

Format	Color
Hex	FBB578
RGB	251, 181, 120
RGB Percent	98%, 71%, 47%
CMY	0.0156, 0.2901, 0.5293
CMYK	0.00, 0.28, 0.52, 0.02
HSL	28°, 94%, 73%
HSV	28°, 52%, 98%
XYZ	59.7136, 54.9284, 25.2318
YIQ	194.9760, 61.3010, -4.1310

Conversions

Conversions Part 2

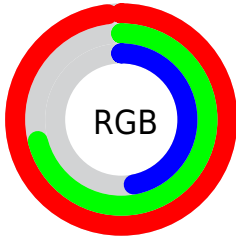
Format	Color
RYB	251, 234, 120
Decimal	16495992
CIELab	79.00, 18.75, 40.95
CIELCh	79, 45.037, 65.395
Yxy	54.9284, 0.4269, 0.3927
Android (android.graphics.Color)	4294686072 (0xFFFBB578)
YUV	194.9760, -36.9632, 49.1330
Hunter-Lab	74.1137, 14.1189, 31.6945

Details

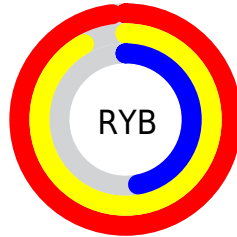
The CIELCh color **79, 45.037, 65.395** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 37.259, 261.715**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 33.409, 95.331**, and **59, 44.847, 65.483** is the 20% darker color. If you saturate the color by 10%, you get **76, 54.909, 64.194**, and if you desaturate by 10%, it is **83, 35.475, 66.584**.

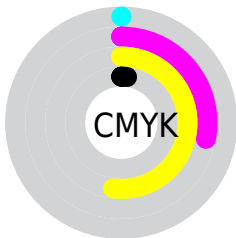
Distribution



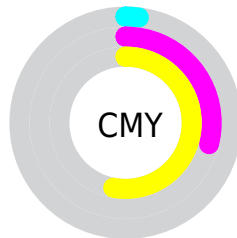
- Red (98%)
- Green (71%)
- Blue (47%)



- Red (98%)
- Yellow (92%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (52%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 45.037, 65.395 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, 45.037, 65.395 by changing the saturation by 10% instead.

 79, 45.037, 65.395

 79, 45.037, 65.395

 100, 45.037,
65.395

 69, 45.037, 65.395

 99, 45.037, 65.395

 59, 45.037, 65.395

 49, 45.037, 65.395

 39, 45.037, 65.395

 29, 45.037, 65.395

 19, 45.037, 65.395

 9, 45.037, 65.395

 0, 45.037, 65.395

 79, 45.037, 65.395

 79, 45.037, 65.395

76, 54.909, 64.194

83, 35.475, 66.584

72, 64.801, 62.899

86, 26.344, 67.770

69, 74.091, 61.354

90, 17.673, 68.956

66, 81.673, 59.238

94, 9.451, 70.126

64, 85.937, 57.079

98, 1.646, 71.074

100, 1.380,
199.798

Harmonies

Complementary

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



79, 45.037, 65.395



75, 37.259, 261.715

Rectangle

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



79, 45.037, 65.395



79, 45.037, 115.395



79, 45.037, 245.395



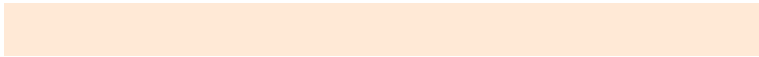
79, 45.037, 295.395

Sweetspot

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



79, 45.036, 65.400



94, 12.697, 69.683



68, 59.522, 346.404



49, 8.619, 69.441



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, 45.036, 65.400



76, 56.439, 64.086



95, 61.419, 102.826



50, 4.361, 70.432



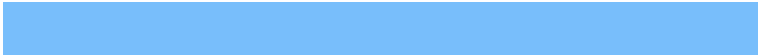
49, 69.039, 57.793



15, 25.890, 58.200

Inverse Universe

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



75, 37.259, 261.715



71, 44.849, 265.267



58, 70.380, 296.228



50, 4.242, 252.882



43, 53.803, 280.565



12, 21.588, 273.387

Previews

White Background



This preview shows how the CIELCh color 79, 45.037, 65.395 looks on a white background.

Color Contrast Check

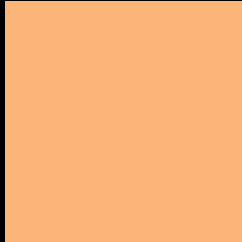
Large Text (above 18pt) WCAG AA × Fail

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, 45.037, 65.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

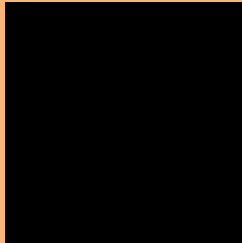
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 45.037, 65.395

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.037, 65.395.



This preview shows how white text looks on a background with the CIELCh color 79, 45.037, 65.395.

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, 45.037, 65.395

Protanopia

79, 37.472, 95.868

Deuteranopia

79, 42.292, 76.499



Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 45.037, 65.395

Protanomaly
79, 38.722, 83.770

Deuteranomaly
79, 43.237, 72.576

Tritanomaly
79, 32.397, 35.872

Monochromacy



Original Color
79, 45.037, 65.395

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 15.351, 69.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.037, 65.395 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(251, 181, 120)` looks like.

```
.text, #text, p{  
    color:rgb(251, 181, 120)  
}
```

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(251, 181, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 181, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.037, 65.395 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(251, 181, 120) }
```

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

```
.border{ border-color:rgb(251, 181, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 181, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 181, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 181, 120); box-shadow:4px 4px 4px 4px rgb(251, 181, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.037, 65.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 181, 120) }
```

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

```
.background{ background-color: rgb(251,  
181, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor