

Converting Colors

CIELCh(79, 42.062, 65.323)

Have a look what the booklet for
CIELCh(79, 42.062, 65.323) contains.

CIELCh(79, 42.089, 65.481)	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, 42.089, 65.481)

Conversions

Conversions Part 1

Format	Color
Hex	F8B67D
RGB	248, 182, 125
RGB Percent	97%, 71%, 49%
CMY	0.0272, 0.2860, 0.5096
CMYK	0.00, 0.27, 0.50, 0.03
HSL	28°, 90%, 73%
HSV	28°, 50%, 97%
XYZ	59.1777, 54.9284, 26.9027
YIQ	195.2360, 57.6330, -3.7350

Conversions

Conversions Part 2

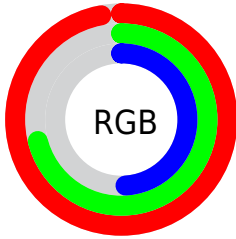
Format	Color
R _Y B	248, 231, 125
Decimal	16299645
CIE Lab	79.00, 17.47, 38.29
CIE LCh	79, 42.089, 65.481
Yxy	54.9284, 0.4197, 0.3895
Android (android.graphics.Color)	4294489725 (0xFFF8B67D)
YUV	195.2360, -34.6263, 46.2740
Hunter-Lab	74.1137, 12.8282, 30.3577

Details

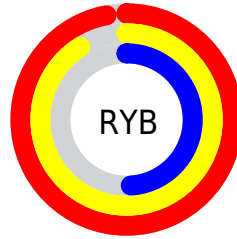
The CIELCh color **79, 42.089, 65.481** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 35.103, 260.679**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 31.323, 95.493**, and **59, 42.062, 65.323** is the 20% darker color. If you saturate the color by 10%, you get **76, 51.813, 64.299**, and if you desaturate by 10%, it is **83, 32.720, 66.661**.

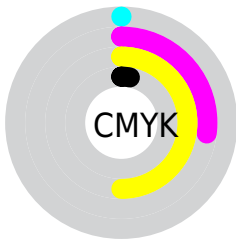
Distribution



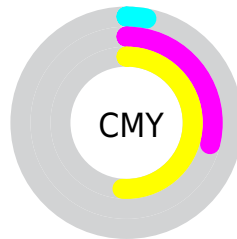
- Red (97%)
- Green (71%)
- Blue (49%)



- Red (97%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (3%)



- Cyan (3%)
- Magenta (29%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 42.089, 65.481 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, 42.089, 65.481 by changing the saturation by 10% instead.

 79, 42.089, 65.481

 79, 42.089, 65.481

 100, 42.089,
65.481

 69, 42.089, 65.481

 99, 42.089, 65.481

 59, 42.089, 65.481

 49, 42.089, 65.481

 39, 42.089, 65.481

 29, 42.089, 65.481

 19, 42.089, 65.481

 9, 42.089, 65.481

 0, 42.089, 65.481

 79, 42.089, 65.481

 79, 42.089, 65.481

76, 51.813, 64.299

83, 32.720, 66.661

72, 61.663, 63.050

86, 23.796, 67.840

69, 71.131, 61.607

90, 15.330, 69.019

66, 79.250, 59.697

94, 7.305, 70.171

64, 85.021, 57.039

98, 0.315, 252.889

64, 85.247, 56.933

99, 2.405, 199.528

Harmonies

Complementary

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



79, 42.089, 65.481



75, 35.103, 260.679

Rectangle

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



79, 42.089, 65.481



79, 42.089, 115.481



79, 42.089, 245.481



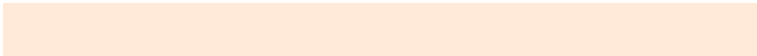
79, 42.089, 295.481

Sweetspot

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



79, 42.088, 65.486



94, 11.858, 69.551



68, 56.303, 346.036



49, 8.136, 69.306



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, 42.088, 65.486



77, 53.410, 64.239



94, 58.054, 103.077



50, 4.356, 70.181



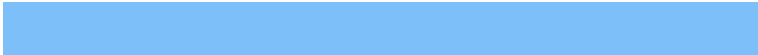
49, 69.112, 57.621



15, 25.897, 57.977

Inverse Universe

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



75, 35.103, 260.679



72, 42.771, 263.951



59, 65.881, 295.654



50, 4.235, 252.624



43, 53.557, 280.316



12, 21.503, 273.122

Previews

White Background



This preview shows how the CIELCh color 79, 42.089, 65.481 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, 42.089, 65.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

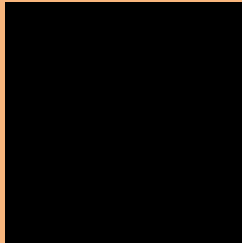
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.089, 65.481

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.089, 65.481.



This preview shows how white text looks on a background with the CIELCh color 79, 42.089, 65.481.

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





Tritanopia
79, 31.047, 9.507

Trichromacy



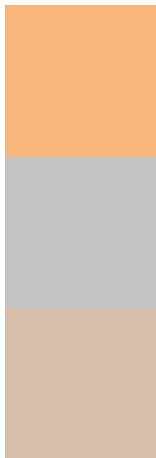
Original Color
79, 42.089, 65.481

Protanomaly
79, 36.136, 83.153

Deuteranomaly
79, 40.490, 71.878

Tritanomaly
79, 30.794, 34.549

Monochromacy



Original Color
79, 42.089, 65.481

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 14.251, 67.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.089, 65.481 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(248, 182, 125)` looks like.

```
.text, #text, p{  
    color:rgb(248, 182, 125)  
}
```

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(248, 182, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 182, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.089, 65.481 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(248, 182, 125) }
```

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

```
.border{ border-color:rgb(248, 182, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 182, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 182, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 182, 125); box-shadow:4px 4px 4px 4px rgb(248, 182, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.089, 65.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 182, 125) }
```

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

```
.background{ background-color: rgb(248,  
182, 125) }
```

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