

Converting Colors

CIELCh(79, 37.989, 56.665)

Have a look what the booklet for
CIELCh(79, 37.989, 56.665) contains.

CIELCh(79, 37.932, 56.504)	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, 37.932, 56.504)

Conversions

Conversions Part 1

Format	Color
Hex	FBB48A
RGB	251, 180, 138
RGB Percent	98%, 71%, 54%
CMY	0.0161, 0.2945, 0.4592
CMYK	0.00, 0.28, 0.45, 0.02
HSL	22°, 93%, 76%
HSV	22°, 45%, 98%
XYZ	60.6311, 54.9284, 31.4179
YIQ	196.4410, 55.7980, 1.9900

Conversions

Conversions Part 2

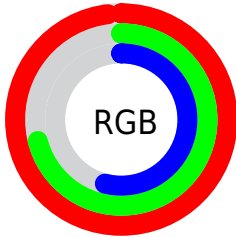
Format	Color
RYB	251, 205, 138
Decimal	16495754
CIELab	79.00, 20.93, 31.63
CIELCh	79, 37.932, 56.504
Yxy	54.9284, 0.4125, 0.3737
Android (android.graphics.Color)	4294685834 (0xFFFBB48A)
YUV	196.4410, -28.8114, 47.8482
Hunter-Lab	74.1137, 16.3288, 26.7457

Details

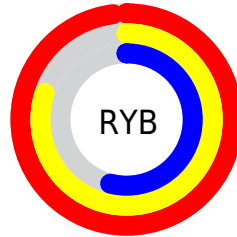
The CIELCh color **79, 37.932, 56.504** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.779, 247.468**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 23.699, 90.444**, and **59, 38.138, 56.781** is the 20% darker color. If you saturate the color by 10%, you get **75, 47.951, 55.789**, and if you desaturate by 10%, it is **83, 28.492, 57.291**.

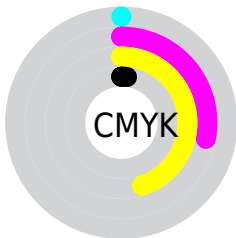
Distribution



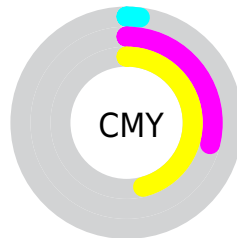
- Red (98%)
- Green (71%)
- Blue (54%)



- Red (98%)
- Yellow (80%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 37.932, 56.504 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, 37.932, 56.504 by changing the saturation by 10% instead.

79, 37.932, 56.504

79, 37.932, 56.504

100, 37.932,
56.504

69, 37.932, 56.504

99, 37.932, 56.504

59, 37.932, 56.504

49, 37.932, 56.504

39, 37.932, 56.504

29, 37.932, 56.504

19, 37.932, 56.504

9, 37.932, 56.504

0, 37.932, 56.504

79, 37.932, 56.504

79, 37.932, 56.504

75, 47.951, 55.789

83, 28.492, 57.291

71, 58.433, 55.107

87, 19.658, 58.129

68, 69.055, 54.380

92, 11.406, 59.003

64, 79.092, 53.388

96, 3.690, 59.829

62, 87.192, 51.690

100, 1.424,
199.780

60, 90.382, 50.625

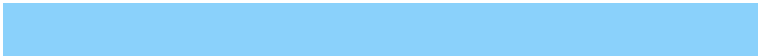
Harmonies

Complementary

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



79, 37.932, 56.504



81, 29.779, 247.468

Rectangle

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



79, 37.932, 56.504



79, 37.932, 106.504



79, 37.932, 236.504



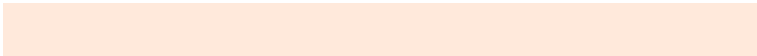
79, 37.932, 286.504

Sweetspot

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



79, 37.931, 56.509



94, 10.726, 59.093



72, 54.653, 340.975



49, 7.459, 58.903



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, 37.931, 56.509



77, 47.520, 55.857



93, 49.736, 99.097



50, 4.219, 59.484



46, 72.522, 51.283



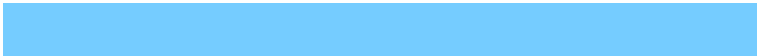
13, 26.505, 49.290

Inverse Universe

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



81, 29.779, 247.468



79, 35.237, 249.839



66, 54.232, 291.121



50, 4.045, 241.513



48, 44.464, 268.338



14, 18.432, 260.701

Previews

White Background



This preview shows how the CIELCh color 79, 37.932, 56.504 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, 37.932, 56.504 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, 37.932, 56.504

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.932, 56.504.



This preview shows how white text looks on a background with the CIELCh color 79, 37.932, 56.504.

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, 37.932, 56.504

Protanopia

79, 27.569, 95.795

Deuteranopia

79, 33.997, 73.223



Tritanopia
79, 32.274, 9.181

Trichromacy



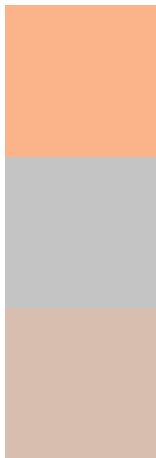
Original Color
79, 37.932, 56.504

Protanomaly
79, 29.492, 78.520

Deuteranomaly
79, 34.860, 66.544

Tritanomaly
79, 31.470, 28.667

Monochromacy



Original Color
79, 37.932, 56.504

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 12.915, 57.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.932, 56.504 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, 180, 138)` looks like.

```
.text, #text, p{  
    color:rgb(251, 180, 138)  
}
```

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, 180, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 180, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.932, 56.504 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, 180, 138) }
```

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

```
.border{ border-color:rgb(251, 180, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 180, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 180, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 180, 138); box-shadow:4px 4px 4px 4px rgb(251, 180, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.932, 56.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 180, 138) }
```

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

```
.background{ background-color: rgb(251,  
180, 138) }
```

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