

Converting Colors

CIELCh(96, 91.691, 38.195)

Have a look what the booklet for
CIELCh(96, 91.691, 38.195) contains.

CIELCh(79, 39.464, 53.377)	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, 39.464, 53.377)

Conversions

Conversions Part 1

Format	Color
Hex	FFB28A
RGB	255, 178, 138
RGB Percent	100%, 70%, 54%
CMY	0.0001, 0.3020, 0.4589
CMYK	0.00, 0.30, 0.46, 0.00
HSL	21°, 100%, 77%
HSV	21°, 46%, 100%
XYZ	61.7401, 54.9284, 31.3890
YIQ	196.4630, 58.7320, 3.8840

Conversions

Conversions Part 2

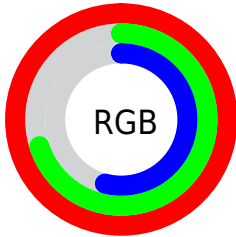
Format	Color
R _Y B	255, 199, 138
Decimal	16757386
CIE Lab	79.00, 23.54, 31.67
CIE LCh	79, 39.464, 53.377
Yxy	54.9284, 0.4170, 0.3710
Android (android.graphics.Color)	4294947466 (0xFFFFB28A)
YUV	196.4630, -28.8223, 51.3369
Hunter-Lab	74.1137, 18.9996, 26.7688

Details

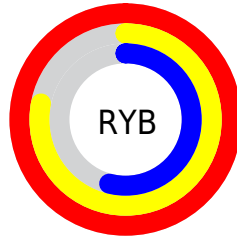
The CIELCh color **79, 39.464, 53.377** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 30.088, 243.438**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 23.029, 87.934**, and **59, 39.440, 53.004** is the 20% darker color. If you saturate the color by 10%, you get **75, 49.814, 52.859**, and if you desaturate by 10%, it is **83, 29.740, 53.990**.

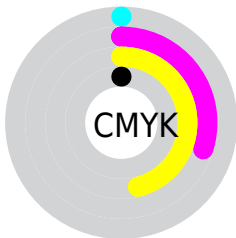
Distribution



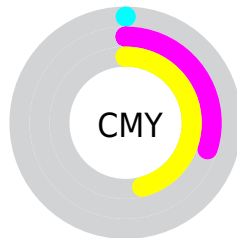
- Red (100%)
- Green (70%)
- Blue (54%)



- Red (100%)
- Yellow (78%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 39.464, 53.377 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, 39.464, 53.377 by changing the saturation by 10% instead.

 79, 39.464, 53.377

 79, 39.464, 53.377

 100, 39.464,
53.377

 69, 39.464, 53.377

 99, 39.464, 53.377

 59, 39.464, 53.377

 49, 39.464, 53.377

 39, 39.464, 53.377

 29, 39.464, 53.377

 19, 39.464, 53.377

 9, 39.464, 53.377

 0, 39.464, 53.377

 79, 39.464, 53.377

 79, 39.464, 53.377

75, 49.814, 52.859

83, 29.740, 53.990

71, 60.665, 52.400

88, 20.670, 54.677

67, 71.671, 51.915

92, 12.229, 55.419

64, 82.047, 51.163

97, 4.369, 56.143

61, 90.312, 49.653

100, 0.012,
274.610

60, 93.074, 48.889

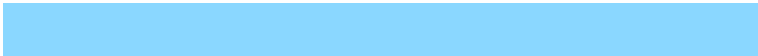
Harmonies

Complementary

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



79, 39.464, 53.377



82, 30.088, 243.438

Rectangle

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



79, 39.464, 53.377



79, 39.464, 103.377



79, 39.464, 233.377



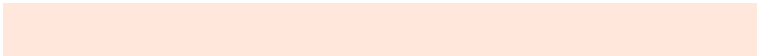
79, 39.464, 283.377

Sweetspot

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



79, 39.463, 53.382



93, 10.707, 55.562



72, 57.553, 339.421



49, 7.449, 55.398



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, 39.463, 53.382



75, 48.879, 52.902



93, 49.830, 97.009



51, 4.278, 55.897



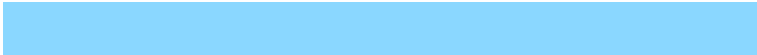
46, 74.497, 49.512



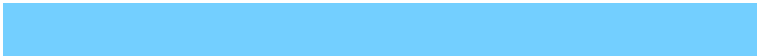
14, 28.038, 47.142

Inverse Universe

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



82, 30.088, 243.438



79, 34.944, 245.755



67, 53.823, 289.688



51, 4.085, 237.734



50, 42.454, 263.654



16, 18.189, 256.403

Previews

White Background



This preview shows how the CIELCh color 79, 39.464, 53.377 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, 39.464, 53.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

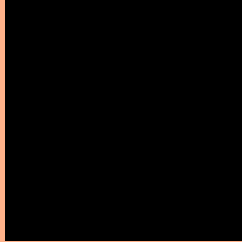
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.464, 53.377

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.464, 53.377.

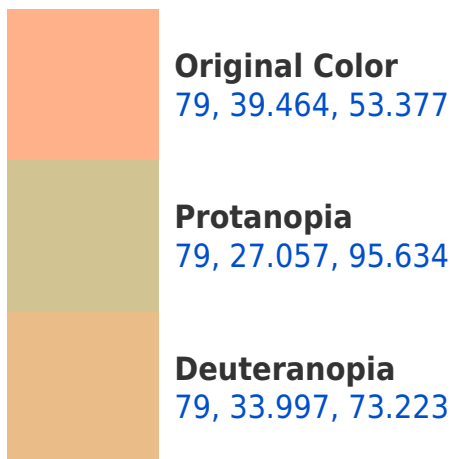


This preview shows how white text looks on a background with the CIELCh color 79, 39.464, 53.377.

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](#).

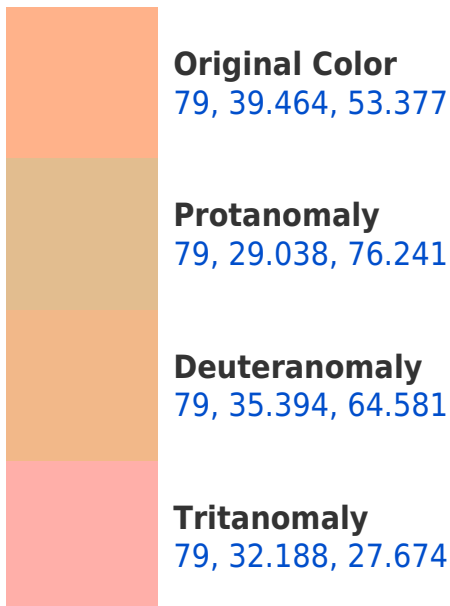
Dichromacy



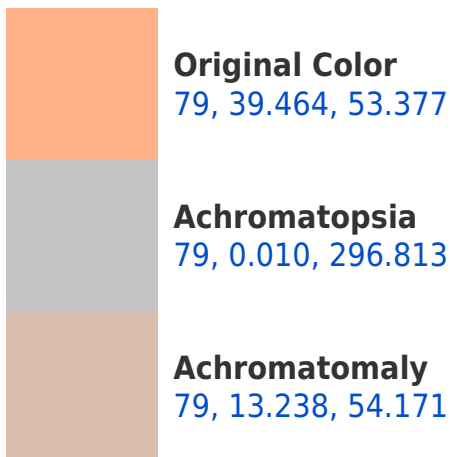


Tritanopia
79, 31.770, 10.844

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.464, 53.377 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(255, 178, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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(255, 178, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.464, 53.377 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(255, 178, 138) }
```

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

```
.border{ border-color:rgb(255, 178, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.464, 53.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 138) }
```

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

```
.background{ background-color: rgb(255,  
178, 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](#).

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