

Converting Colors

CIELCh(79, 41.401, 56.336)

Have a look what the booklet for
CIELCh(79, 41.401, 56.336) contains.

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Color

CIELCh(79, 41.251, 56.003)

Conversions

Conversions Part 1

Format	Color
Hex	FFB285
RGB	255, 178, 133
RGB Percent	100%, 70%, 52%
CMY	0.0000, 0.3011, 0.4776
CMYK	0.00, 0.30, 0.48, 0.00
HSL	22°, 100%, 76%
HSV	22°, 48%, 100%
XYZ	61.5364, 54.9284, 29.6222
YIQ	195.8930, 60.3370, 2.3290

Conversions

Conversions Part 2

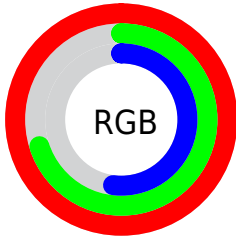
Format	Color
R _Y B	255, 204, 133
Decimal	16757381
CIE Lab	79.00, 23.07, 34.20
CIE LCh	79, 41.251, 56.003
Yxy	54.9284, 0.4212, 0.3760
Android (android.graphics.Color)	4294947461 (0xFFFFB285)
YUV	195.8930, -31.0062, 51.8368
Hunter-Lab	74.1137, 18.5091, 28.1822

Details

The CIELCh color **79, 41.251, 56.003** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 31.702, 247.848**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 25.453, 89.625**, and **59, 40.964, 55.997** is the 20% darker color. If you saturate the color by 10%, you get **75, 51.479, 55.391**, and if you desaturate by 10%, it is **83, 31.427, 56.837**.

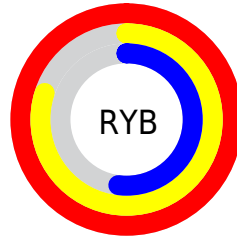
Distribution



Red (100%)

Green (70%)

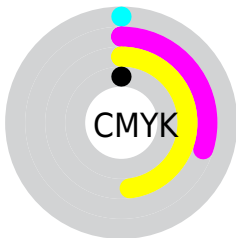
Blue (52%)



Red (100%)

Yellow (80%)

Blue (52%)

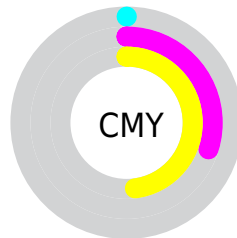


Cyan (0%)

Magenta (30%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 41.251, 56.003 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, 41.251, 56.003 by changing the saturation by 10% instead.

79, 41.251, 56.003

79, 41.251, 56.003

100, 41.251,
56.003

69, 41.251, 56.003

99, 41.251, 56.003

59, 41.251, 56.003

49, 41.251, 56.003

39, 41.251, 56.003

29, 41.251, 56.003

19, 41.251, 56.003

9, 41.251, 56.003

0, 41.251, 56.003

79, 41.251, 56.003

79, 41.251, 56.003

75, 51.479, 55.391

83, 31.427, 56.837

71, 62.199, 54.725

87, 22.304, 57.652

68, 72.915, 53.971

92, 13.782, 58.511

64, 82.725, 52.855

96, 5.821, 59.367

62, 90.172, 50.911

100, 0.012,
296.813

61, 91.638, 50.464

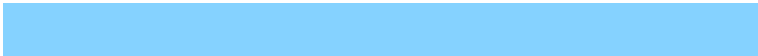
Harmonies

Complementary

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



79, 41.251, 56.003



81, 31.702, 247.848

Rectangle

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



79, 41.251, 56.003



79, 41.251, 106.003



79, 41.251, 236.003



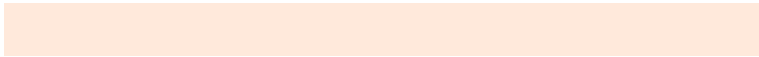
79, 41.251, 286.003

Sweetspot

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



79, 41.167, 56.084



94, 10.723, 58.839



71, 58.469, 341.275



49, 7.458, 58.651



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, 41.167, 56.084



75, 50.674, 55.443



94, 53.313, 98.783



51, 4.288, 59.224



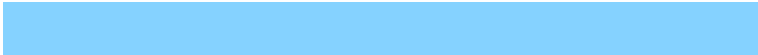
46, 73.362, 51.117



14, 27.740, 49.491

Inverse Universe

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



81, 31.702, 247.848



78, 36.776, 250.417



65, 58.594, 291.728



51, 4.110, 241.244



49, 44.752, 268.062



15, 18.949, 260.797

Previews

White Background



This preview shows how the CIELCh color 79, 41.251, 56.003 looks on a white background.

Color Contrast Check

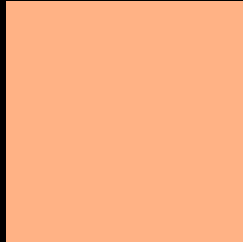
Large Text (above 18pt) WCAG AA × Fail

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, 41.251, 56.003 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, 41.251, 56.003

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.251, 56.003.

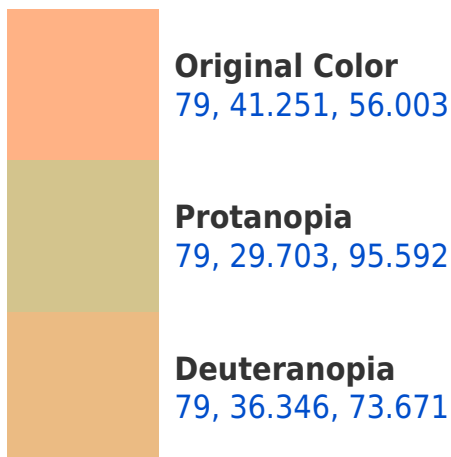


This preview shows how white text looks on a background with the CIELCh color 79, 41.251, 56.003.

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, 31.738, 11.789

Trichromacy



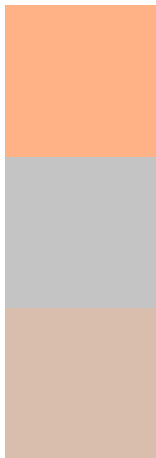
Original Color
79, 41.251, 56.003

Protanomaly
79, 31.805, 78.754

Deuteranomaly
79, 37.479, 66.928

Tritanomaly
79, 32.327, 31.302

Monochromacy



Original Color
79, 41.251, 56.003

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 13.938, 60.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.251, 56.003 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.251, 56.003 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, 133) }
```

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

```
.border{ border-color:rgb(255, 178, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.251, 56.003 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
178, 133) }
```

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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