

Converting Colors

CIELCh(100, 104.122, 39.945)

Have a look what the booklet for
CIELCh(100, 104.122, 39.945)
contains.

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Color

CIELCh(79, 42.716, 58.727)

Conversions

Conversions Part 1

Format	Color
Hex	FFB381
RGB	255, 179, 129
RGB Percent	100%, 70%, 51%
CMY	0.0011, 0.2990, 0.4950
CMYK	0.00, 0.30, 0.49, 0.00
HSL	24°, 100%, 75%
HSV	24°, 49%, 100%
XYZ	61.1569, 54.9284, 28.0664
YIQ	196.0240, 61.3460, 0.5620

Conversions

Conversions Part 2

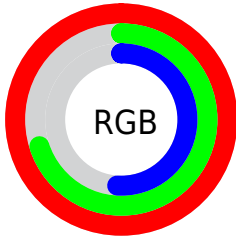
Format	Color
R _Y B	255, 212, 129
Decimal	16757633
CIE Lab	79.00, 22.17, 36.51
CIE LCh	79, 42.716, 58.727
Yxy	54.9284, 0.4243, 0.3810
Android (android.graphics.Color)	4294947713 (0xFFFFB381)
YUV	196.0240, -33.0428, 51.7220
Hunter-Lab	74.1137, 17.5952, 29.4268

Details

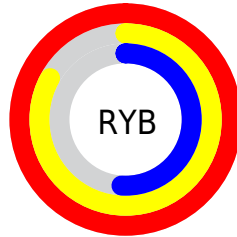
The CIELCh color **79, 42.716, 58.727** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 33.382, 252.084**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 28.243, 91.998**, and **59, 42.504, 58.752** is the 20% darker color. If you saturate the color by 10%, you get **75, 52.957, 57.877**, and if you desaturate by 10%, it is **83, 32.979, 59.622**.

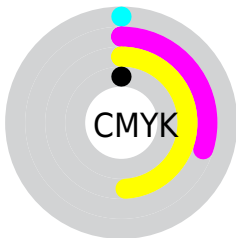
Distribution



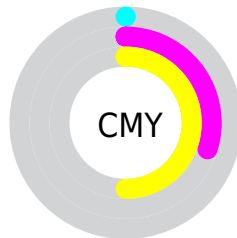
- Red (100%)
- Green (70%)
- Blue (51%)



- Red (100%)
- Yellow (83%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 42.716, 58.727 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, 42.716, 58.727 by changing the saturation by 10% instead.

 79, 42.716, 58.727

 79, 42.716, 58.727

 100, 42.716,
58.727

 69, 42.716, 58.727

 99, 42.716, 58.727

 59, 42.716, 58.727

 49, 42.716, 58.727

 39, 42.716, 58.727

 29, 42.716, 58.727

 19, 42.716, 58.727

 9, 42.716, 58.727

 0, 42.716, 58.727

 79, 42.716, 58.727

 79, 42.716, 58.727

75, 52.957, 57.877

83, 32.979, 59.622

72, 63.503, 57.011

87, 23.815, 60.555

68, 73.866, 56.000

91, 15.220, 61.521

65, 83.048, 54.541

96, 7.159, 62.486

62, 89.813, 52.282

100, 0.095,
206.398

62, 90.164, 52.164

Harmonies

Complementary

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



79, 42.716, 58.727



79, 33.382, 252.084

Rectangle

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



79, 42.716, 58.727



79, 42.716, 108.727



79, 42.716, 238.727



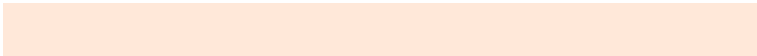
79, 42.716, 288.727

Sweetspot

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



79, 42.715, 58.732



93, 11.581, 61.955



70, 59.669, 342.333



49, 7.955, 61.749



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, 42.715, 58.732



75, 52.536, 57.915



94, 55.842, 99.550



51, 4.313, 62.481



47, 72.267, 52.838



14, 27.488, 51.920

Inverse Universe

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



79, 33.382, 252.084



76, 38.877, 254.934



63, 62.054, 292.868



51, 4.150, 244.657



47, 47.252, 272.049



14, 19.797, 264.847

Previews

White Background



This preview shows how the CIELCh color 79, 42.716, 58.727 looks on a white background.

Color Contrast Check

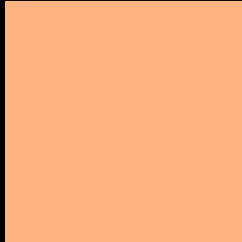
Large Text (above 18pt) WCAG AA × Fail

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, 42.716, 58.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

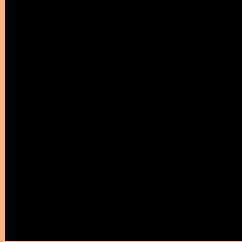
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.716, 58.727

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.716, 58.727.



This preview shows how white text looks on a background with the CIELCh color 79, 42.716, 58.727.

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, 42.716, 58.727

Protanopia

79, 32.338, 95.506

Deuteranopia

79, 38.406, 74.566



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 42.716, 58.727

Protanomaly
79, 34.376, 79.856

Deuteranomaly
79, 39.474, 68.140

Tritanomaly
79, 32.495, 32.180

Monochromacy



Original Color
79, 42.716, 58.727

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 14.309, 61.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.716, 58.727 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, 179, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 129)  
}
```

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, 179, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.716, 58.727 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, 179, 129) }
```

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

```
.border{ border-color:rgb(255, 179, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.716, 58.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 129) }
```

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

```
.background{ background-color: rgb(255,  
179, 129) }
```

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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