

Converting Colors

CIELCh(79, 8.722, 81.936)

Have a look what the booklet for
CIELCh(79, 8.722, 81.936) contains.

CIELCh(79, 8.539, 80.049)	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, 8.539, 80.049)

Conversions

Conversions Part 1

Format	Color
Hex	CDC2B4
RGB	205, 194, 180
RGB Percent	80%, 76%, 71%
CMY	0.1956, 0.2388, 0.2937
CMYK	0.00, 0.05, 0.12, 0.20
HSL	34°, 20%, 76%
HSV	34°, 12%, 80%
XYZ	52.7742, 54.9284, 51.0595
YIQ	195.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

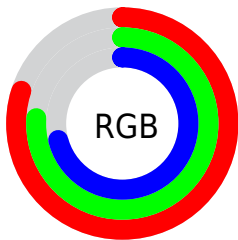
Format	Color
RYB	200, 205, 180
Decimal	13484724
CIELab	79.00, 1.48, 8.41
CIELCh	79, 8.539, 80.049
Yxy	54.9284, 0.3324, 0.3460
Android (android.graphics.Color)	4291674804 (0xFFCDC2B4)
YUV	195.6930, -7.7366, 8.1622
Hunter-Lab	74.1137, -2.5943, 11.0326

Details

The CIELCh color **79, 8.539, 80.049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 8.383, 263.339**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.319, 95.416**, and **59, 8.611, 77.806** is the 20% darker color. If you saturate the color by 10%, you get **76, 15.838, 78.781**, and if you desaturate by 10%, it is **82, 1.500, 81.151**.

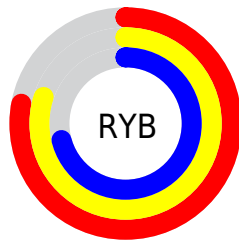
Distribution



Red (80%)

Green (76%)

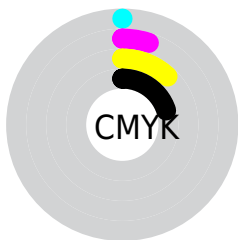
Blue (71%)



Red (78%)

Yellow (80%)

Blue (71%)

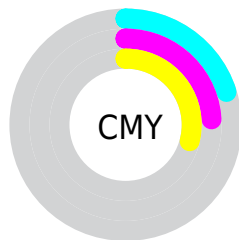


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 8.539, 80.049 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, 8.539, 80.049 by changing the saturation by 10% instead.

 79, 8.539, 80.049  79, 8.539, 80.049

 100, 8.539, 80.049  69, 8.539, 80.049

 99, 8.539, 80.049  59, 8.539, 80.049

 49, 8.539, 80.049

 39, 8.539, 80.049

 29, 8.539, 80.049

 19, 8.539, 80.049

 9, 8.539, 80.049

 0, 8.539, 80.049

 79, 8.539, 80.049

 79, 8.539, 80.049

76, 15.838, 78.781

82, 1.500, 81.151

74, 23.403, 77.456

85, 5.298, 262.657

71, 31.222, 76.099

88, 11.876,
263.804

68, 39.240, 74.707

90, 15.102,
257.936

66, 47.325, 73.258

63, 55.194, 71.695

93, 13.715,
235.450

61, 62.317, 69.892

95, 14.598,
212.391

59, 67.846, 67.614

57, 70.929, 65.491

97, 16.527,
198.408

Harmonies

Complementary

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



79, 8.539, 80.049



77, 8.383, 263.339

Rectangle

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



79, 8.539, 80.049



79, 8.539, 130.049



79, 8.539, 260.049



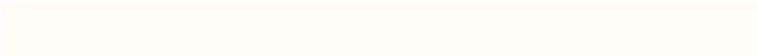
79, 8.539, 310.049

Sweetspot

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



79, 8.540, 80.064



99, 3.289, 81.019



76, 11.137, 347.476



52, 2.342, 80.942



0, 0.000, 0.000



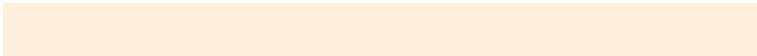
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 8.540, 80.064



95, 12.610, 79.685



82, 13.192, 111.069



42, 3.935, 80.411



47, 60.432, 66.083



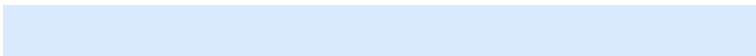
9, 14.484, 65.642

Inverse Universe

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



77, 8.383, 263.339



92, 12.309, 263.792



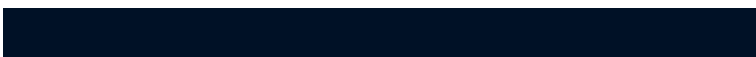
74, 13.564, 293.320



41, 3.884, 262.940



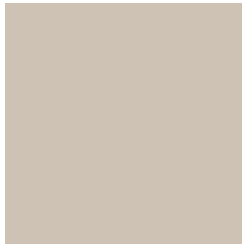
33, 58.328, 289.061



5, 16.281, 275.951

Previews

White Background



This preview shows how the CIELCh color 79, 8.539, 80.049 looks on a white background.

Color Contrast Check

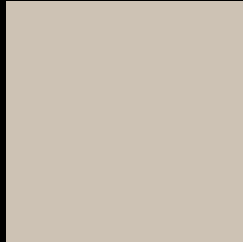
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 8.539, 80.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

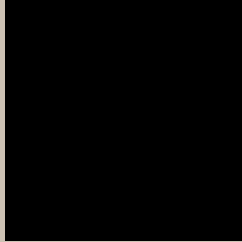
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 8.539, 80.049

Background



This preview shows how black text looks on a background with the CIELCh color 79, 8.539, 80.049.



This preview shows how white text looks on a background with the CIELCh color 79, 8.539, 80.049.

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, 8.539, 80.049

Protanopia

79, 8.029, 87.235

Deuteranopia

79, 12.702, 39.720



Tritanopia
79, 10.642, 331.437

Trichromacy



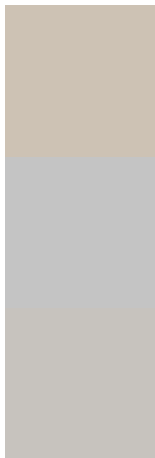
Original Color
79, 8.539, 80.049

Protanomaly
79, 8.181, 84.748

Deuteranomaly
79, 10.653, 49.819

Tritanomaly
79, 6.863, 357.068

Monochromacy



Original Color
79, 8.539, 80.049

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.033, 80.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 8.539, 80.049 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(205, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(205, 194, 180)  
}
```

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(205, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 194, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 8.539, 80.049 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(205, 194, 180) }
```

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

```
.border{ border-color:rgb(205, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(205, 194,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 8.539, 80.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 194, 180) }
```

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

```
.background{ background-color: rgb(205,  
194, 180) }
```

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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