

Converting Colors

CIELCh(80, 4.973, 24.751)

Have a look what the booklet for
CIELCh(80, 4.973, 24.751) contains.

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Color

CIELCh(80, 5.207, 19.709)

Conversions

Conversions Part 1

Format	Color
Hex	D1C3C3
RGB	209, 195, 195
RGB Percent	82%, 76%, 76%
CMY	0.1794, 0.2343, 0.2343
CMYK	0.00, 0.07, 0.07, 0.18
HSL	0°, 13%, 79%
HSV	0°, 7%, 82%
XYZ	55.8113, 56.6813, 59.7728
YIQ	199.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

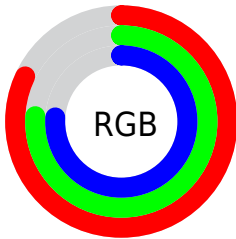
Format	Color
R _{YB}	209, 195, 195
Decimal	13747139
CIE Lab	80.00, 4.90, 1.76
CIE LCh	80, 5.207, 19.709
Yxy	56.6813, 0.3240, 0.3290
Android (android.graphics.Color)	4291937219 (0xFFD1C3C3)
YUV	199.1860, -2.0637, 8.6069
Hunter-Lab	75.2870, 0.5723, 5.6286

Details

The CIELCh color **80, 5.207, 19.709** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 4.992, 199.175**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.053, 18.850**, and **60, 5.551, 19.882** is the 20% darker color. If you saturate the color by 10%, you get **74, 13.506, 20.548**, and if you desaturate by 10%, it is **86, 2.472, 199.486**.

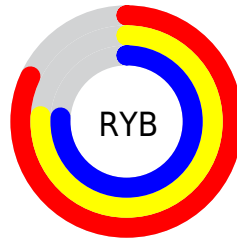
Distribution



Red (82%)

Green (76%)

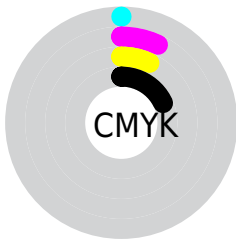
Blue (76%)



Red (82%)

Yellow (76%)

Blue (76%)

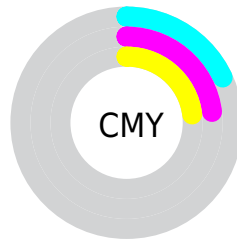


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (18%)



Cyan (18%)

Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 5.207, 19.709 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 80, 5.207, 19.709 by changing the saturation by 10% instead.

80, 5.207, 19.709

80, 5.207, 19.709

100, 5.207, 19.709

70, 5.207, 19.709

60, 5.207, 19.709

50, 5.207, 19.709

40, 5.207, 19.709

30, 5.207, 19.709

20, 5.207, 19.709

10, 5.207, 19.709

0, 5.207, 19.709

80, 5.207, 19.709

80, 5.207, 19.709

74, 13.506, 20.548

86, 2.472, 199.486

69, 22.449, 21.538

92, 9.572, 198.855

63, 32.007, 22.818

97, 15.236,
198.491

58, 42.079, 24.488

54, 52.472, 26.659

50, 62.887, 29.424

47, 72.910, 32.762

45, 81.852, 36.328

44, 88.265, 39.167

Harmonies

Complementary

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



80, 5.207, 19.709



83, 4.992, 199.175

Rectangle

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



80, 5.207, 19.709



80, 5.207, 69.709



80, 5.207, 199.709



80, 5.207, 249.709

Sweetspot

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



80, 5.206, 19.730



99, 1.794, 19.180



80, 9.064, 324.778



53, 1.020, 19.154



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 5.206, 19.730



94, 7.347, 19.843



82, 4.505, 74.526



41, 4.459, 19.948



35, 76.451, 39.867



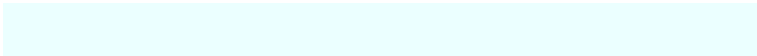
4, 20.015, 19.479

Inverse Universe

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



83, 4.992, 199.175



99, 6.983, 199.080



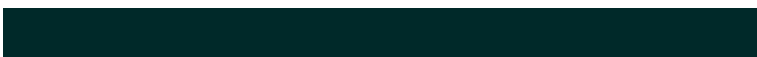
81, 4.443, 256.352



43, 4.202, 198.998



62, 36.699, 196.426



14, 14.034, 196.418

Previews

White Background



This preview shows how the CIELCh color 80, 5.207, 19.709 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 80, 5.207, 19.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

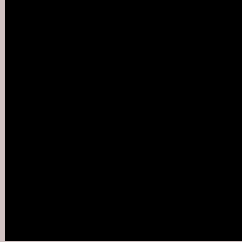
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 5.207, 19.709

Background



This preview shows how black text looks on a background with the CIELCh color 80, 5.207, 19.709.



This preview shows how white text looks on a background with the CIELCh color 80, 5.207, 19.709.

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
80, 5.207, 19.709

Protanopia
80, 1.912, 35.380

Deuteranopia
80, 9.954, 7.879



Tritanopia
80, 10.378, 329.876

Trichromacy



Original Color
80, 5.207, 19.709

Protanomaly
80, 3.330, 19.502

Deuteranomaly
80, 8.366, 9.066

Tritanomaly
80, 7.609, 340.972

Monochromacy



Original Color
80, 5.207, 19.709

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.840, 19.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 5.207, 19.709 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(209, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 195)  
}
```

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(209, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 5.207, 19.709 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(209, 195, 195) }
```

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

```
.border{ border-color:rgb(209, 195, 195) }
```

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

Here you see how a box with a 4 pixel rgb(209, 195, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 5.207, 19.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 195) }
```

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

```
.background{ background-color: rgb(209,  
195, 195) }
```

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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