

Converting Colors

CIELCh(80, 5.425, 159.160)

Have a look what the booklet for
CIELCh(80, 5.425, 159.160) contains.

CIELCh(80, 5.160, 160.927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 5.160, 160.927)

Conversions

Conversions Part 1

Format	Color
Hex	BEC9C3
RGB	190, 201, 195
RGB Percent	75%, 79%, 76%
CMY	0.2548, 0.2116, 0.2352
CMYK	0.05, 0.00, 0.03, 0.21
HSL	147°, 9%, 77%
HSV	147°, 5%, 79%
XYZ	51.9914, 56.6813, 59.8493
YIQ	197.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

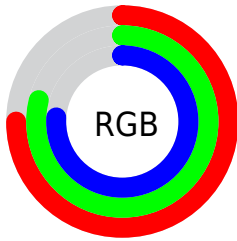
Format	Color
RYB	190, 198, 201
Decimal	12503491
CIELab	80.00, -4.88, 1.69
CIElCh	80, 5.160, 160.927
Yxy	56.6813, 0.3085, 0.3363
Android (android.graphics.Color)	4290693571 (0xFFBEC9C3)
YUV	197.0270, -0.9993, -6.1627
Hunter-Lab	75.2870, -8.4842, 5.5684

Details

The CIELCh color `80, 5.160, 160.927` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 5.202, 341.629`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.497, 173.530`, and `60, 5.176, 158.189` is the 20% darker color. If you saturate the color by 10%, you get `78, 14.626, 160.020`, and if you desaturate by 10%, it is `82, 4.262, 341.519`.

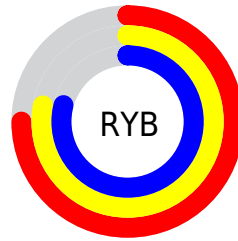
Distribution



Red (75%)

Green (79%)

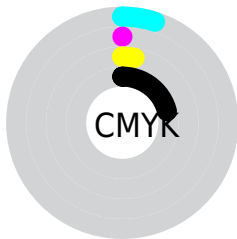
Blue (76%)



Red (75%)

Yellow (78%)

Blue (79%)

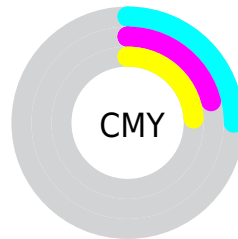


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (21%)



Cyan (25%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 5.160, 160.927 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, 5.160, 160.927 by changing the saturation by 10% instead.

80, 5.160, 160.927

80, 5.160, 160.927

100, 5.160,
160.927

70, 5.160, 160.927

60, 5.160, 160.927

50, 5.160, 160.927

40, 5.160, 160.927

30, 5.160, 160.927

20, 5.160, 160.927

10, 5.160, 160.927

0, 5.160, 160.927

80, 5.160, 160.927

80, 5.160, 160.927

78, 14.626,
160.020

82, 4.262, 341.519

77, 24.023,
159.055

84, 13.563,
342.277

76, 33.219,
157.973

86, 22.681,
342.923

74, 42.062,
156.748

87, 27.540,
335.709

73, 50.390,
155.355

87, 31.729,
328.349

73, 58.046,
153.771

87, 33.845,
325.602

72, 64.905,
151.980

72, 70.892,
149.982

71, 76.013,

147.804

Harmonies

Complementary

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



80, 5.160, 160.927



78, 5.202, 341.629

Rectangle

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



80, 5.160, 160.927



80, 5.160, 210.927



80, 5.160, 340.927



80, 5.160, 30.927

Sweetspot

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



80, 5.162, 160.920



100, 2.280, 161.323



80, 6.132, 127.071



53, 1.296, 161.341



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, 5.162, 160.920



98, 8.013, 160.771



80, 3.985, 195.022



41, 4.245, 160.735



59, 66.412, 147.199



11, 20.768, 154.062

Inverse Universe

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



78, 5.202, 341.629



95, 8.083, 341.777



78, 4.112, 15.513



40, 4.284, 341.813



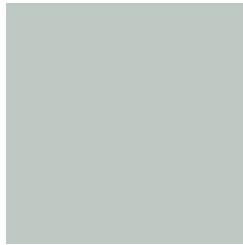
35, 61.406, 357.357



4, 18.340, 350.180

Previews

White Background



This preview shows how the CIELCh color 80, 5.160, 160.927 looks on a white background.

Color Contrast Check

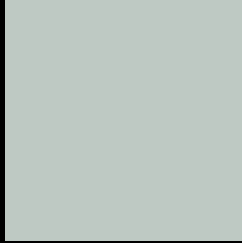
Large Text (above 18pt) WCAG AA × Fail

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 80, 5.160, 160.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

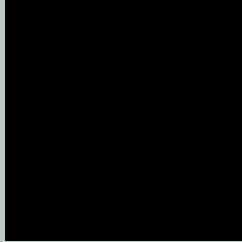
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

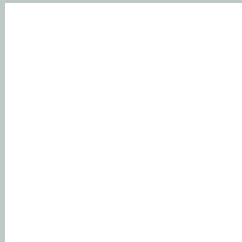
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 5.160, 160.927

Background



This preview shows how black text looks on a background with the CIELCh color 80, 5.160, 160.927.



This preview shows how white text looks on a background with the CIELCh color 80, 5.160, 160.927.

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, 5.160, 160.927

Protanopia

80, 3.061, 63.252

Deuteranopia

80, 10.065, 4.921



Tritanopia
80, 8.675, 279.249

Trichromacy



Original Color
80, 5.160, 160.927

Protanomaly
80, 2.118, 109.956

Deuteranomaly
80, 4.856, 13.404

Tritanomaly
80, 4.902, 259.953

Monochromacy



Original Color
80, 5.160, 160.927

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.816, 163.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 5.160, 160.927 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(190, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 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(190, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 5.160, 160.927 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(190, 201, 195) }
```

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

```
.border{ border-color:rgb(190, 201, 195) }
```

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

Here you see how a box with a 4 pixel rgb(190, 201, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 5.160, 160.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 195) }
```

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

```
.background{ background-color: rgb(190,  
201, 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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