

Converting Colors

CIELCh(80, 3.019, 281.331)

Have a look what the booklet for
CIELCh(80, 3.019, 281.331) contains.

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Color

CIELCh(80, 3.218, 284.043)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6CC
RGB	197, 198, 204
RGB Percent	77%, 78%, 80%
CMY	0.2271, 0.2231, 0.1996
CMYK	0.03, 0.03, 0.00, 0.20
HSL	231°, 6%, 79%
HSV	231°, 3%, 80%
XYZ	54.1794, 56.6813, 65.2747
YIQ	198.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

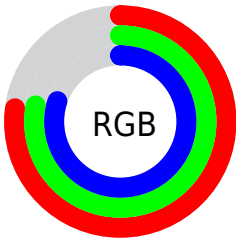
Format	Color
R_{YB}	197, 198, 204
Decimal	12961484
CIE Lab	80.00, 0.78, -3.12
CIE LCh	80, 3.218, 284.043
Yxy	56.6813, 0.3076, 0.3218
Android (android.graphics.Color)	4291151564 (0xFFC5C6CC)
YUV	198.3850, 2.7682, -1.2146
Hunter-Lab	75.2870, -3.2967, 1.2958

Details

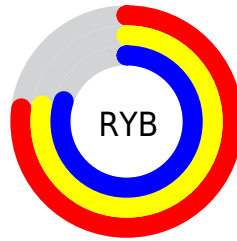
The CIELCh color `80, 3.218, 284.043` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 3.183, 103.200`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `60, 3.410, 284.161` is the 20% darker color. If you saturate the color by 10%, you get `74, 12.771, 285.197`, and if you desaturate by 10%, it is `86, 6.035, 102.921`.

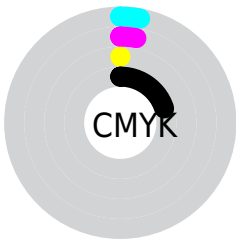
Distribution



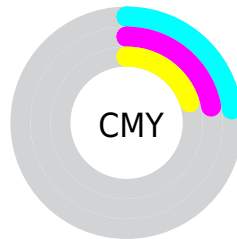
- Red (77%)
- Green (78%)
- Blue (80%)



- Red (77%)
- Yellow (78%)
- Blue (80%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 3.218, 284.043 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, 3.218, 284.043 by changing the saturation by 10% instead.

■ 80, 3.218, 284.043

■ 80, 3.218, 284.043

100, 3.218,
284.043

■ 70, 3.218, 284.043

■ 60, 3.218, 284.043

■ 50, 3.218, 284.043

■ 40, 3.218, 284.043

■ 30, 3.218, 284.043

■ 20, 3.218, 284.043

■ 10, 3.218, 284.043

■ 0, 3.218, 284.043

■ 80, 3.218, 284.043

■ 80, 3.218, 284.043

74, 12.771,
285.197

86, 6.035, 102.921

68, 22.655,
286.607

92, 15.003,
102.042

62, 32.895,
288.261

98, 23.584,
104.309

56, 43.523,
290.192

99, 25.684,
108.229

50, 54.560,
292.416

44, 65.982,
294.921

38, 77.633,
297.628

33, 89.070,
300.365

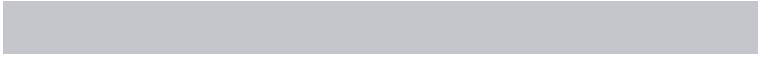
29, 99.387,

302.863

Harmonies

Complementary

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



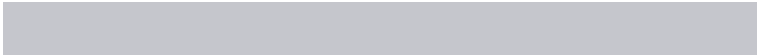
80, 3.218, 284.043



82, 3.183, 103.200

Rectangle

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



80, 3.218, 284.043



80, 3.218, 334.043



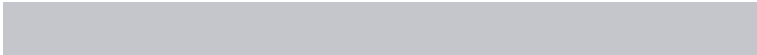
80, 3.218, 104.043



80, 3.218, 154.043

Sweetspot

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



80, 3.216, 284.019



99, 1.127, 283.849



82, 2.600, 187.055



53, 0.641, 283.850



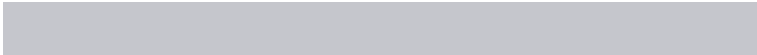
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 3.216, 284.019



97, 4.496, 284.082



80, 3.854, 303.829



41, 2.661, 284.151



22, 88.988, 303.877



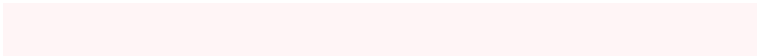
2, 21.197, 288.681

Inverse Universe

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



80, 2.640, 7.756



97, 3.694, 7.841



82, 3.813, 123.507



42, 2.189, 7.922



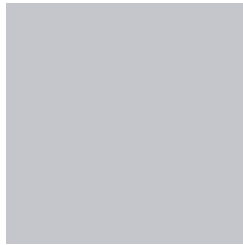
34, 69.574, 32.934



4, 18.076, 12.380

Previews

White Background



This preview shows how the CIELCh color 80, 3.218, 284.043 looks on a white background.

Color Contrast Check

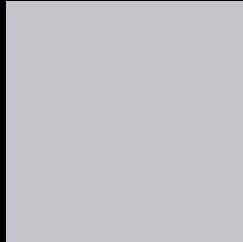
Large Text (above 18pt) WCAG AA × Fail

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, 3.218, 284.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

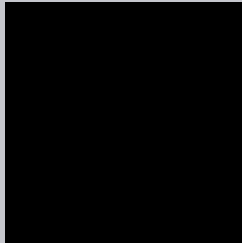
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

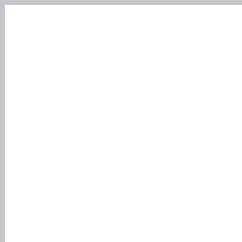
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 3.218, 284.043

Background



This preview shows how black text looks on a background with the CIELCh color 80, 3.218, 284.043.

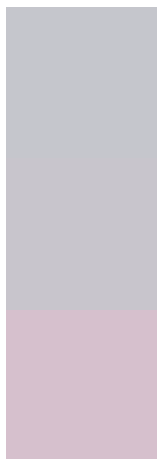


This preview shows how white text looks on a background with the CIELCh color 80, 3.218, 284.043.

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, 3.218, 284.043

Protanopia

80, 3.907, 306.671

Deuteranopia

80, 10.663, 339.810



Tritanopia
80, 8.014, 293.439

Trichromacy



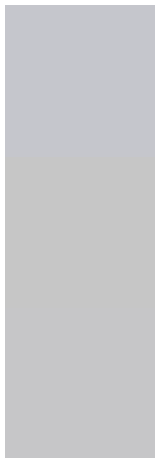
Original Color
80, 3.218, 284.043

Protanomaly
80, 3.817, 301.452

Deuteranomaly
80, 7.815, 331.412

Tritanomaly
80, 6.417, 293.953

Monochromacy



Original Color
80, 3.218, 284.043

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.074, 290.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 3.218, 284.043 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(197, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 204)  
}
```

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(197, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 3.218, 284.043 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(197, 198, 204) }
```

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

```
.border{ border-color:rgb(197, 198, 204) }
```

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

Here you see how a box with a 4 pixel rgb(197, 198, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 3.218, 284.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 204) }
```

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

```
.background{ background-color: rgb(197,  
198, 204) }
```

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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