

Converting Colors

CIELCh(80, 10.206, 277.911)

Have a look what the booklet for
CIELCh(80, 10.206, 277.911)
contains.

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Color

CIELCh(80, 10.299, 279.355)

Conversions

Conversions Part 1

Format	Color
Hex	C0C6D9
RGB	192, 198, 217
RGB Percent	75%, 78%, 85%
CMY	0.2466, 0.2230, 0.1485
CMYK	0.12, 0.09, 0.00, 0.15
HSL	226°, 25%, 80%
HSV	226°, 12%, 85%
XYZ	54.5304, 56.6813, 73.7958
YIQ	198.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

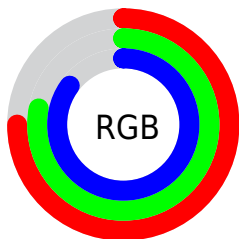
Format	Color
R_{YB}	192, 197, 217
Decimal	12633817
CIE _{Lab}	80.00, 1.67, -10.16
CIE _{LCh}	80, 10.299, 279.355
Yxy	56.6813, 0.2947, 0.3064
Android (android.graphics.Color)	4290823897 (0xFFC0C6D9)
YUV	198.3720, 9.1836, -5.5882
Hunter-Lab	75.2870, -2.4646, -5.4148

Details

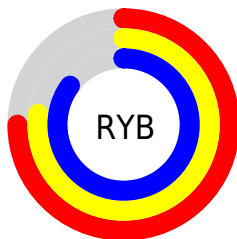
The CIELCh color `80, 10.299, 279.355` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 10.200, 96.518`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 2.426, 199.524`, and `60, 10.358, 279.122` is the 20% darker color. If you saturate the color by 10%, you get `74, 19.484, 280.817`, and if you desaturate by 10%, it is `86, 1.346, 278.204`.

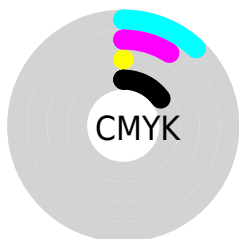
Distribution



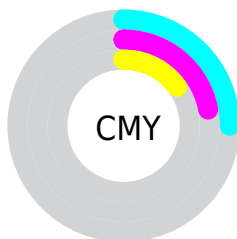
- Red (75%)
- Green (78%)
- Blue (85%)



- Red (75%)
- Yellow (77%)
- Blue (85%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 10.299, 279.355 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, 10.299, 279.355 by changing the saturation by 10% instead.

■ 80, 10.299,
279.355

■ 80, 10.299,
279.355

■ 100, 10.299,
279.355

■ 70, 10.299,
279.355

■ 60, 10.299,
279.355

■ 50, 10.299,
279.355

■ 40, 10.299,
279.355

■ 30, 10.299,
279.355

■ 20, 10.299,
279.355

■ 10, 10.299,

279.355

■ 0, 10.299, 279.355

■ 80, 10.299,
279.355

■ 80, 10.299,
279.355

■ 74, 19.484,
280.817

■ 86, 1.346, 278.204

■ 68, 28.925,
282.542

■ 92, 7.382, 96.944

■ 62, 38.645,
284.559

■ 97, 15.734, 98.997

■ 99, 19.148,
108.729

■ 57, 48.675,
286.899

■ 51, 59.044,
289.574

■ 46, 69.741,
292.549

■ 41, 80.645,
295.717

■ 36, 91.397,
298.880

■ 33, 99.914,
301.312

Harmonies

Complementary

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



80, 10.299, 279.355



85, 10.200, 96.518

Rectangle

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



80, 10.299, 279.355



80, 10.299, 329.355



80, 10.299, 99.355



80, 10.299, 149.355

Sweetspot

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



80, 10.297, 279.348



98, 3.032, 278.313



85, 9.507, 178.512



52, 2.299, 278.395



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, 10.297, 279.348



91, 14.309, 279.709



79, 13.595, 300.668



43, 5.105, 279.073



26, 83.282, 300.864



4, 24.751, 288.969

Inverse Universe

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



80, 9.845, 1.304



91, 13.722, 1.595



86, 13.277, 119.197



43, 4.869, 1.078



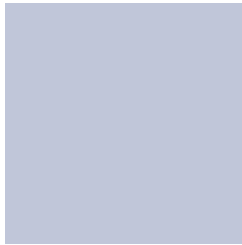
36, 67.712, 26.006



5, 23.784, 9.870

Previews

White Background



This preview shows how the CIELCh color 80, 10.299, 279.355 looks on a white background.

Color Contrast Check

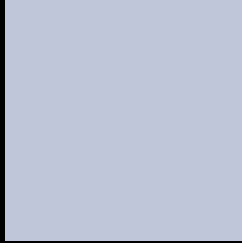
Large Text (above 18pt) WCAG AA × Fail

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, 10.299, 279.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

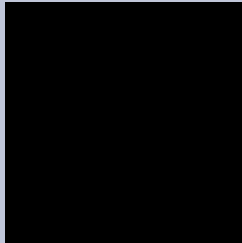
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

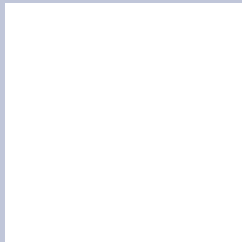
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 10.299, 279.355

Background



This preview shows how black text looks on a background with the CIELCh color 80, 10.299, 279.355.

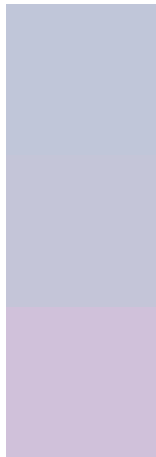


This preview shows how white text looks on a background with the CIELCh color 80, 10.299, 279.355.

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

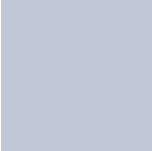
80, 10.299, 279.355

Protanopia

80, 10.132, 289.099

Deuteranopia

80, 14.430, 312.957



Tritanopia
80, 8.312, 273.686

Trichromacy



Original Color
80, 10.299, 279.355

Protanomaly
80, 10.144, 287.120

Deuteranomaly
80, 12.558, 302.588

Tritanomaly
80, 8.820, 274.788

Monochromacy



Original Color
80, 10.299, 279.355

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.793, 279.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 10.299, 279.355 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(192, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 217)  
}
```

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(192, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 10.299, 279.355 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(192, 198, 217) }
```

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

```
.border{ border-color:rgb(192, 198, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 10.299, 279.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 217) }
```

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

```
.background{ background-color: rgb(192,  
198, 217) }
```

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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