

Converting Colors

CIELCh(80, 4.774, 265.237)

Have a look what the booklet for
CIELCh(80, 4.774, 265.237) contains.

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Color

CIELCh(80, 4.738, 263.687)

Conversions

Conversions Part 1

Format	Color
Hex	C1C7CF
RGB	193, 199, 207
RGB Percent	76%, 78%, 81%
CMY	0.2432, 0.2196, 0.1883
CMYK	0.07, 0.04, 0.00, 0.19
HSL	214°, 13%, 78%
HSV	214°, 7%, 81%
XYZ	53.6706, 56.6813, 67.1354
YIQ	198.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

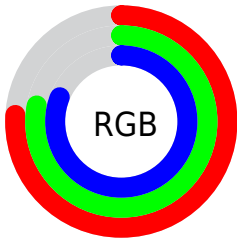
Format	Color
R_{YB}	193, 197, 207
Decimal	12699599
CIE Lab	80.00, -0.52, -4.71
CIE LCh	80, 4.738, 263.687
Yxy	56.6813, 0.3024, 0.3194
Android (android.graphics.Color)	4290889679 (0xFFC1C7CF)
YUV	198.1180, 4.3788, -4.4885
Hunter-Lab	75.2870, -4.5030, -0.1696

Details

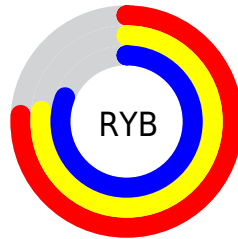
The CIELCh color $80, 4.738, 263.687$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 4.768, 81.801$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 2.081, 199.592$, and $60, 5.011, 263.977$ is the 20% darker color. If you saturate the color by 10%, you get $75, 11.745, 265.119$, and if you desaturate by 10%, it is $85, 2.250, 82.179$.

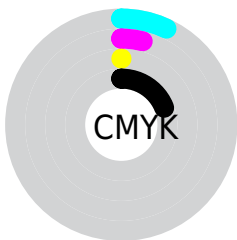
Distribution



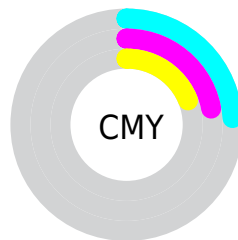
- Red (76%)
- Green (78%)
- Blue (81%)



- Red (76%)
- Yellow (77%)
- Blue (81%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 4.738, 263.687 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, 4.738, 263.687 by changing the saturation by 10% instead.

■ 80, 4.738, 263.687

■ 80, 4.738, 263.687

■ 100, 4.738,
263.687

■ 70, 4.738, 263.687

■ 60, 4.738, 263.687

■ 50, 4.738, 263.687

■ 40, 4.738, 263.687

■ 30, 4.738, 263.687

■ 20, 4.738, 263.687

■ 10, 4.738, 263.687

■ 0, 4.738, 263.687

■ 80, 4.738, 263.687

■ 80, 4.738, 263.687

75, 11.745,
265.119

85, 2.250, 82.179

71, 18.761,
266.863

89, 9.201, 81.189

66, 25.775,
268.926

94, 16.088, 80.355

62, 32.786,
271.357

97, 20.240, 99.332

99, 24.239,
108.340

57, 39.809,
274.200

53, 46.879,
277.480

49, 54.054,
281.177

45, 61.396,
285.199

42, 68.936,

Harmonies

Complementary

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



80, 4.738, 263.687



81, 4.768, 81.801

Rectangle

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



80, 4.738, 263.687



80, 4.738, 313.687



80, 4.738, 83.687



80, 4.738, 133.687

Sweetspot

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



80, 4.737, 263.666



99, 1.664, 263.194



82, 6.036, 166.895



53, 0.947, 263.193



0, 0.000, 0.000



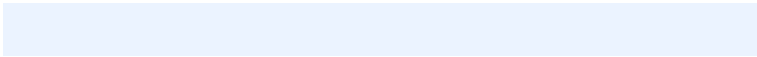
53, 0.007, 296.813

Same Dimension

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



80, 4.737, 263.666



96, 6.636, 263.840



79, 7.509, 293.409



42, 4.006, 264.020



33, 60.297, 289.991



5, 17.749, 277.737

Inverse Universe

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



79, 6.096, 348.195



95, 8.557, 348.329



83, 7.383, 112.219



41, 5.176, 348.460



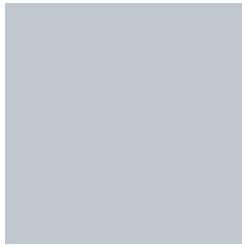
36, 61.883, 8.490



5, 21.194, 358.405

Previews

White Background



This preview shows how the CIELCh color 80, 4.738, 263.687 looks on a white background.

Color Contrast Check

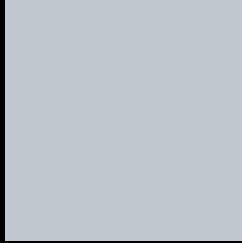
Large Text (above 18pt) WCAG AA × Fail

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, 4.738, 263.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

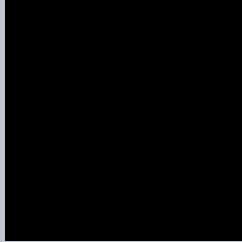
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

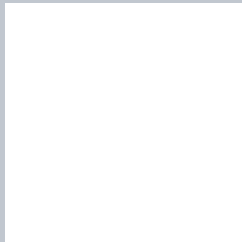
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 4.738, 263.687

Background



This preview shows how black text looks on a background with the CIELCh color 80, 4.738, 263.687.

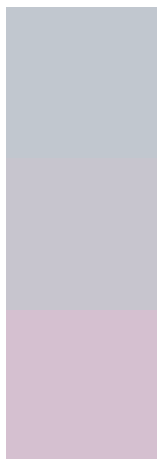


This preview shows how white text looks on a background with the CIELCh color 80, 4.738, 263.687.

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, 4.738, 263.687

Protanopia

80, 4.867, 299.131

Deuteranopia

80, 11.499, 332.501



Tritanopia
80, 8.617, 281.538

Trichromacy



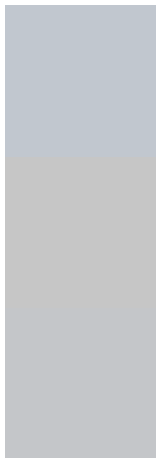
Original Color
80, 4.738, 263.687

Protanomaly
80, 4.277, 285.753

Deuteranomaly
80, 8.035, 320.430

Tritanomaly
80, 7.049, 279.203

Monochromacy



Original Color
80, 4.738, 263.687

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.752, 265.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 4.738, 263.687 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(193, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 199, 207)  
}
```

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(193, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 199, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 4.738, 263.687 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(193, 199, 207) }
```

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

```
.border{ border-color:rgb(193, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 199,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 4.738, 263.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 199, 207) }
```

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

```
.background{ background-color: rgb(193,  
199, 207) }
```

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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