

Converting Colors

CIELCh(80, 6.152, 240.732)

Have a look what the booklet for
CIELCh(80, 6.152, 240.732) contains.

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Color

CIELCh(80, 6.204, 242.724)

Conversions

Conversions Part 1

Format	Color
Hex	BBC8D0
RGB	187, 200, 208
RGB Percent	73%, 78%, 82%
CMY	0.2651, 0.2141, 0.1827
CMYK	0.10, 0.04, 0.00, 0.18
HSL	203°, 18%, 78%
HSV	203°, 10%, 82%
XYZ	52.7710, 56.6813, 68.0923
YIQ	197.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

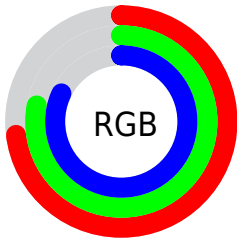
Format	Color
RYB	187, 195, 208
Decimal	12306640
CIELab	80.00, -2.84, -5.51
CIELCh	80, 6.204, 242.724
Yxy	56.6813, 0.2972, 0.3193
Android (android.graphics.Color)	4290496720 (0xFFBBC8D0)
YUV	197.0250, 5.4107, -8.7919
Hunter-Lab	75.2870, -6.6360, -0.9231

Details

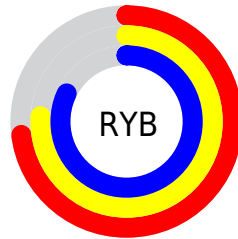
The CIELCh color $80, 6.204, 242.724$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 6.477, 60.528$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.141, 199.303$, and $60, 6.271, 245.410$ is the 20% darker color. If you saturate the color by 10%, you get $76, 12.156, 243.967$, and if you desaturate by 10%, it is $84, 0.056, 250.037$.

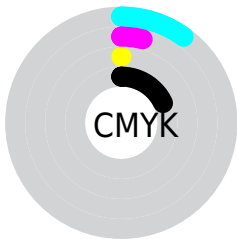
Distribution



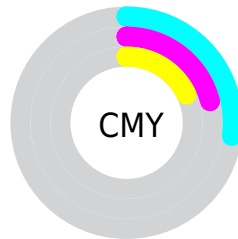
- Red (73%)
- Green (78%)
- Blue (82%)



- Red (73%)
- Yellow (76%)
- Blue (82%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.204, 242.724 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, 6.204, 242.724 by changing the saturation by 10% instead.

■ 80, 6.204, 242.724

■ 80, 6.204, 242.724

■ 100, 6.204,
242.724

■ 70, 6.204, 242.724

■ 60, 6.204, 242.724

■ 50, 6.204, 242.724

■ 40, 6.204, 242.724

■ 30, 6.204, 242.724

■ 20, 6.204, 242.724

■ 10, 6.204, 242.724

■ 0, 6.204, 242.724

■ 80, 6.204, 242.724

■ 80, 6.204, 242.724

76, 12.156,
243.967

84, 0.056, 250.037

73, 17.861,
245.545

87, 6.242, 60.615

70, 23.266,
247.491

91, 12.646, 59.927

66, 28.326,
249.878

93, 14.937, 74.137

63, 33.015,
252.787

95, 17.128, 89.843

60, 37.339,
256.286

97, 20.282,
101.225

57, 41.358,
260.404

99, 23.530,
108.394

55, 45.187,
265.099

52, 48.997,

Harmonies

Complementary

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



80, 6.204, 242.724



80, 6.477, 60.528

Rectangle

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



80, 6.204, 242.724



80, 6.204, 292.724



80, 6.204, 62.724



80, 6.204, 112.724

Sweetspot

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



80, 6.204, 242.706



99, 2.200, 242.109



82, 10.463, 156.395



52, 1.665, 242.140



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, 6.204, 242.706



95, 8.672, 242.940



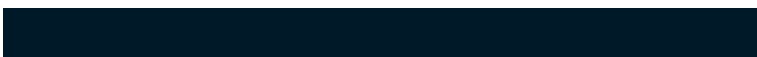
77, 9.805, 285.292



42, 3.505, 242.634



42, 41.325, 269.225



8, 13.792, 257.590

Inverse Universe

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



78, 10.435, 338.461



92, 14.659, 338.627



82, 9.644, 103.041



41, 5.886, 338.407



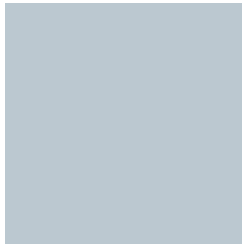
37, 64.676, 351.046



5, 23.331, 345.992

Previews

White Background



This preview shows how the CIELCh color 80, 6.204, 242.724 looks on a white background.

Color Contrast Check

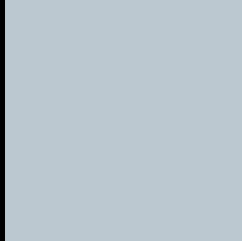
Large Text (above 18pt) WCAG AA × Fail

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, 6.204, 242.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

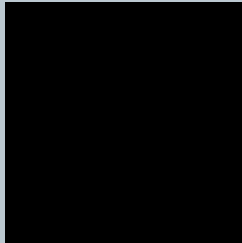
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

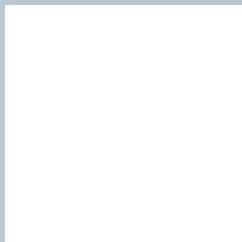
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.204, 242.724

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.204, 242.724.



This preview shows how white text looks on a background with the CIELCh color 80, 6.204, 242.724.

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, 6.204, 242.724

Protanopia

80, 4.867, 299.131

Deuteranopia

80, 12.079, 327.791



Tritanopia
80, 9.141, 268.480

Trichromacy



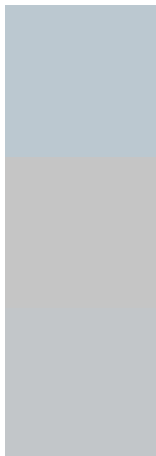
Original Color
80, 6.204, 242.724

Protanomaly
80, 4.901, 277.967

Deuteranomaly
80, 8.044, 311.787

Tritanomaly
80, 8.020, 259.176

Monochromacy



Original Color
80, 6.204, 242.724

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.145, 247.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.204, 242.724 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(187, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(187, 200, 208)  
}
```

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(187, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 200, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.204, 242.724 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(187, 200, 208) }
```

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

```
.border{ border-color:rgb(187, 200, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 200, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 200, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 200, 208); box-shadow:4px 4px 4px 4px rgb(187, 200, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.204, 242.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 200, 208) }
```

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

```
.background{ background-color: rgb(187,  
200, 208) }
```

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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