

Converting Colors

CIELCh(78, 9.327, 244.134)

Have a look what the booklet for
CIELCh(78, 9.327, 244.134) contains.

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Color

CIELCh(78, 9.354, 242.594)

Conversions

Conversions Part 1

Format	Color
Hex	B0C4D0
RGB	176, 196, 208
RGB Percent	69%, 77%, 82%
CMY	0.3101, 0.2317, 0.1846
CMYK	0.15, 0.06, 0.00, 0.18
HSL	202°, 25%, 75%
HSV	202°, 15%, 82%
XYZ	48.9811, 53.2120, 67.3091
YIQ	191.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

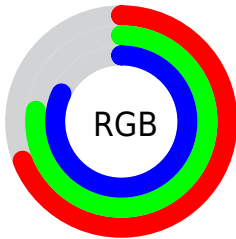
Format	Color
R_{YB}	176, 188, 208
Decimal	11584720
CIE Lab	78.00, -4.31, -8.30
CIE LCh	78, 9.354, 242.594
Yxy	53.2120, 0.2890, 0.3139
Android (android.graphics.Color)	4289774800 (0xFFB0C4D0)
YUV	191.3880, 8.1897, -13.4953
Hunter-Lab	72.9466, -7.7998, -3.6453

Details

The CIELCh color `78, 9.354, 242.594` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 10.036, 59.359`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 7.223, 207.191`, and `58, 9.558, 244.717` is the 20% darker color. If you saturate the color by 10%, you get `75, 15.148, 243.988`, and if you desaturate by 10%, it is `82, 3.329, 241.513`.

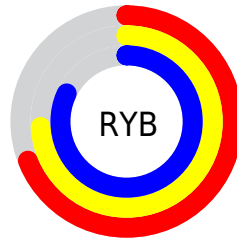
Distribution



Red (69%)

Green (77%)

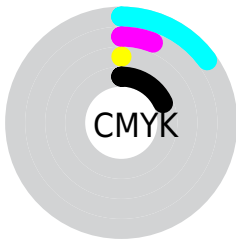
Blue (82%)



Red (69%)

Yellow (74%)

Blue (82%)

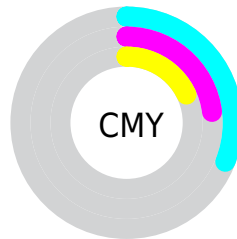


Cyan (15%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.354, 242.594 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 78, 9.354, 242.594 by changing the saturation by 10% instead.

■ 78, 9.354, 242.594

■ 78, 9.354, 242.594

■ 100, 9.354,
242.594

■ 68, 9.354, 242.594

■ 98, 9.354, 242.594

■ 58, 9.354, 242.594

■ 48, 9.354, 242.594

■ 38, 9.354, 242.594

■ 28, 9.354, 242.594

■ 18, 9.354, 242.594

■ 8, 9.354, 242.594

■ 0, 9.354, 242.594

■ 78, 9.354, 242.594

■ 78, 9.354, 242.594

75, 15.148,
243.988

82, 3.329, 241.513

71, 20.660,
245.731

85, 2.873, 60.253

89, 9.208, 59.583

68, 25.837,
247.878

92, 14.449, 62.830

65, 30.641,
250.509

94, 15.777, 80.476

96, 18.320, 94.194

62, 35.059,
253.702

98, 21.634,
104.043

59, 39.123,
257.512

99, 23.774,
108.375

56, 42.919,
261.939

54, 46.594,
266.885

52, 48.333,

Harmonies

Complementary

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



78, 9.354, 242.594



78, 10.036, 59.359

Rectangle

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



78, 9.354, 242.594



78, 9.354, 292.594



78, 9.354, 62.594



78, 9.354, 112.594

Sweetspot

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



78, 9.354, 242.583



98, 3.647, 241.488



81, 15.970, 155.948



52, 2.485, 241.544



0, 0.000, 0.000



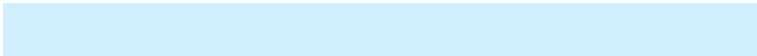
53, 0.007, 296.813

Same Dimension

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



78, 9.354, 242.583



92, 12.847, 242.949



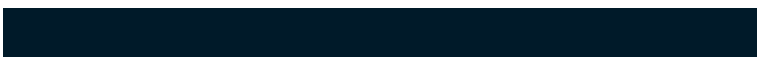
74, 15.072, 285.969



42, 3.498, 241.892



43, 40.851, 268.345



8, 13.691, 256.668

Inverse Universe

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



75, 16.037, 338.615



88, 22.178, 338.846



82, 14.711, 102.466



41, 5.911, 338.136



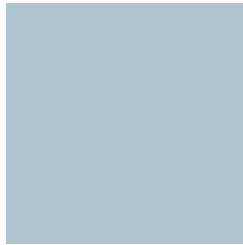
37, 64.866, 350.557



5, 23.424, 345.597

Previews

White Background



This preview shows how the CIELCh color 78, 9.354, 242.594 looks on a white background.

Color Contrast Check

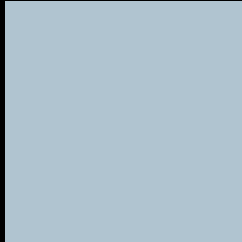
Large Text (above 18pt) WCAG AA × Fail

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 78, 9.354, 242.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

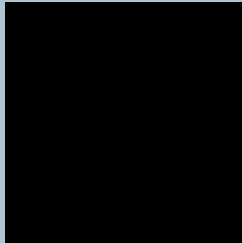
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

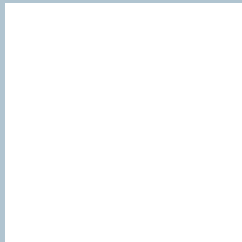
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.354, 242.594

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.354, 242.594.

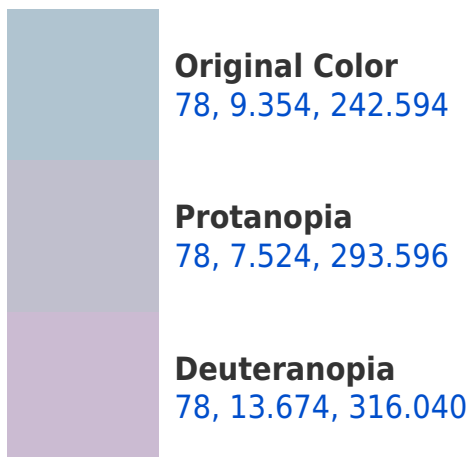



This preview shows how white text looks on a background with the CIELCh color 78, 9.354, 242.594.

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](#).

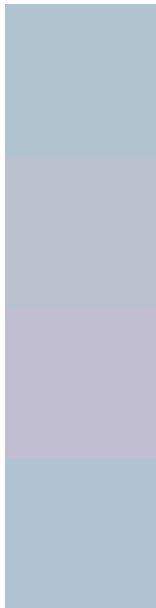
Dichromacy





Tritanopia
78, 10.659, 252.874

Trichromacy



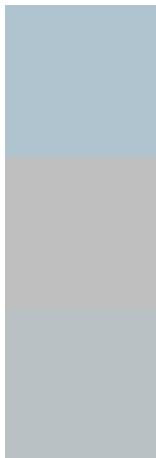
Original Color
78, 9.354, 242.594

Protanomaly
78, 7.348, 271.081

Deuteranomaly
78, 10.269, 297.064

Tritanomaly
78, 10.254, 250.920

Monochromacy



Original Color
78, 9.354, 242.594

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 3.291, 240.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.354, 242.594 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(176, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(176, 196, 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(176, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 196, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.354, 242.594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

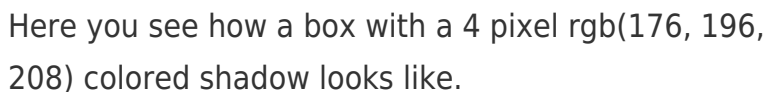
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 196, 208) }
```

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

```
.border{ border-color:rgb(176, 196, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 196, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 196, 208); box-shadow:4px 4px 4px 4px rgb(176, 196, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.354, 242.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 196, 208) }
```

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

```
.background{ background-color: rgb(176,  
196, 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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