

Converting Colors

CIELCh(63, 14.694, 282.046)

Have a look what the booklet for
CIELCh(63, 14.694, 282.046)
contains.

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Color

CIELCh(63, 14.694, 282.046)

Conversions

Conversions Part 1

Format	Color
Hex	9198B2
RGB	145, 152, 178
RGB Percent	57%, 60%, 70%
CMY	0.4323, 0.4048, 0.3029
CMYK	0.19, 0.15, 0.00, 0.30
HSL	227°, 18%, 63%
HSV	227°, 19%, 70%
XYZ	30.8409, 31.5869, 46.4675
YIQ	152.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

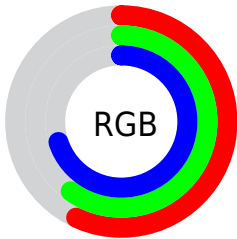
Format	Color
RYB	145, 151, 178
Decimal	9541810
CIELab	63.00, 3.07, -14.37
CIELCh	63, 14.694, 282.046
Yxy	31.5869, 0.2832, 0.2901
Android (android.graphics.Color)	4287731890 (0xFF9198B2)
YUV	152.8710, 12.3886, -6.9029
Hunter-Lab	56.2022, -0.4024, -9.6788

Details

The CIELCh color $63, 14.694, 282.046$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 14.425, 97.524$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 14.946, 282.293$, and $43, 14.601, 282.066$ is the 20% darker color. If you saturate the color by 10%, you get $58, 22.934, 283.628$, and if you desaturate by 10%, it is $68, 6.687, 280.693$.

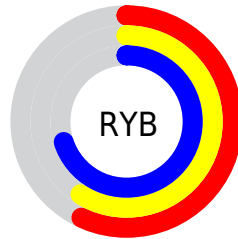
Distribution



Red (57%)

Green (60%)

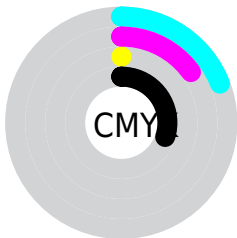
Blue (70%)



Red (57%)

Yellow (59%)

Blue (70%)

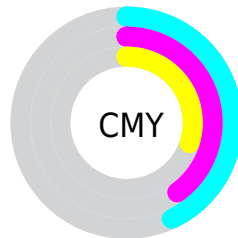


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (30%)



Cyan (43%)

Magenta (40%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 14.694, 282.046 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 63, 14.694, 282.046 by changing the saturation by 10% instead.

■ 63, 14.694,
282.046

■ 63, 14.694,
282.046

■ 100, 14.694,
282.046

■ 53, 14.694,
282.046

■ 83, 14.694,
282.046

■ 43, 14.694,
282.046

■ 93, 14.694,
282.046

■ 33, 14.694,
282.046

■ 23, 14.694,
282.046

■ 13, 14.694,
282.046

■ 3, 14.694, 282.046

■ 0, 14.694, 282.046

63, 14.694,
282.046

63, 14.694,
282.046

58, 22.934,
283.628

68, 6.687, 280.693

53, 31.433,
285.480

73, 1.101, 99.364

78, 8.682, 98.472

48, 40.216,
287.631

83, 16.068, 97.603

43, 49.304,
290.096

88, 23.267, 96.839

93, 30.286, 96.167

38, 58.692,
292.857

97, 36.369,
104.187

33, 68.287,
295.830

98, 38.742,
107.222

29, 77.804,
298.845

26, 86.672,

301.612

■ 25, 87.861,
301.953

Harmonies

Complementary

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



63, 14.694, 282.046



70, 14.425, 97.524

Rectangle

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



63, 14.694, 282.046



63, 14.694, 332.046



63, 14.694, 102.046



63, 14.694, 152.046

Sweetspot

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



63, 14.693, 282.043



88, 5.805, 280.399



70, 12.671, 180.337



47, 3.884, 280.474



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 14.693, 282.043



78, 21.746, 282.620



62, 18.921, 302.365



35, 4.444, 280.788



21, 77.826, 301.625



2, 11.215, 282.491

Inverse Universe

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



63, 13.570, 4.146



78, 20.156, 4.608



71, 18.252, 120.090



35, 4.061, 3.121



32, 62.514, 27.629



2, 9.441, 6.041

Previews

White Background



This preview shows how the CIELCh color 63, 14.694, 282.046 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 63, 14.694, 282.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

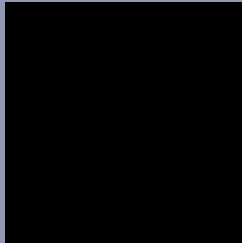
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 14.694, 282.046

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.694, 282.046.



This preview shows how white text looks on a background with the CIELCh color 63, 14.694, 282.046.

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

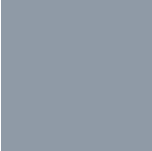
63, 14.694, 282.046

Protanopia

63, 14.595, 286.154

Deuteranopia

63, 16.386, 298.199



Tritanopia
63, 7.735, 259.636

Trichromacy



Original Color
63, 14.694, 282.046

Protanomaly
63, 14.626, 284.778

Deuteranomaly
63, 15.696, 293.167

Tritanomaly
63, 9.975, 272.176

Monochromacy



Original Color
63, 14.694, 282.046

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 5.137, 278.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.694, 282.046 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(145, 152, 178)` looks like.

```
.text, #text, p{  
    color:rgb(145, 152, 178)  
}
```

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(145, 152, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 152, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.694, 282.046 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(145, 152, 178) }
```

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

```
.border{ border-color:rgb(145, 152, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 152, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 152, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 152, 178);  
box-shadow:4px 4px 4px 4px rgb(145, 152,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.694, 282.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 152, 178) }
```

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

```
.background{ background-color: rgb(145,  
152, 178) }
```

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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