

Converting Colors

CIELCh(63, 5.980, 204.327)

Have a look what the booklet for
CIELCh(63, 5.980, 204.327) contains.

CIELCh(63, 5.974, 204.329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 5.974, 204.329)

Conversions

Conversions Part 1

Format	Color
Hex	8C9C9D
RGB	140, 156, 157
RGB Percent	55%, 61%, 62%
CMY	0.4527, 0.3899, 0.3860
CMYK	0.11, 0.01, 0.00, 0.39
HSL	184°, 8%, 58%
HSV	184°, 11%, 61%
XYZ	28.6055, 31.5869, 36.2910
YIQ	151.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

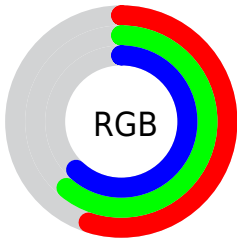
Format	Color
RYB	140, 148, 157
Decimal	9215133
CIELab	63.00, -5.44, -2.46
CIELCh	63, 5.974, 204.329
Yxy	31.5869, 0.2965, 0.3274
Android (android.graphics.Color)	4287405213 (0xFF8C9C9D)
YUV	151.3300, 2.7953, -9.9364
Hunter-Lab	56.2022, -7.5020, 1.0567

Details

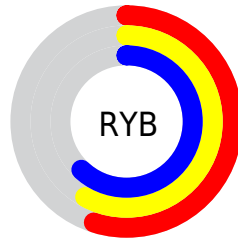
The CIELCh color $63, 5.974, 204.329$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 6.399, 24.986$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 5.744, 209.726$, and $43, 5.953, 204.572$ is the 20% darker color. If you saturate the color by 10%, you get $62, 11.148, 204.018$, and if you desaturate by 10%, it is $64, 0.481, 205.526$.

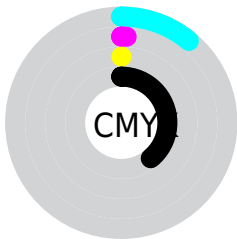
Distribution



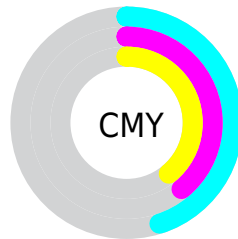
- Red (55%)
- Green (61%)
- Blue (62%)



- Red (55%)
- Yellow (58%)
- Blue (62%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 5.974, 204.329 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, 5.974, 204.329 by changing the saturation by 10% instead.

■ 63, 5.974, 204.329

■ 63, 5.974, 204.329

■ 100, 5.974,
204.329

■ 53, 5.974, 204.329

■ 83, 5.974, 204.329

■ 43, 5.974, 204.329

■ 93, 5.974, 204.329

■ 33, 5.974, 204.329

■ 23, 5.974, 204.329

■ 13, 5.974, 204.329

■ 3, 5.974, 204.329

■ 0, 5.974, 204.329

■ 63, 5.974, 204.329

■ 63, 5.974, 204.329

■ 62, 11.148,

■ 64, 0.481, 205.526

204.018

66, 5.255, 24.848

60, 15.918,
203.823

68, 11.168, 25.307

59, 20.194,
203.730

69, 17.201, 25.760

58, 23.893,
203.754

71, 23.308, 26.225

58, 26.939,
203.912

75, 35.607, 27.175

57, 29.284,
204.224

76, 37.716, 27.798

56, 30.909,
204.708

76, 37.426, 28.517

56, 31.840,
205.379

55, 32.270,
206.118

Harmonies

Complementary

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



63, 5.974, 204.329



60, 6.399, 24.986

Rectangle

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



63, 5.974, 204.329



63, 5.974, 254.329



63, 5.974, 24.329



63, 5.974, 74.329

Sweetspot

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



63, 5.975, 204.315



81, 2.088, 204.756



63, 11.228, 145.187



43, 1.576, 204.676



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 5.975, 204.315



80, 8.820, 204.233



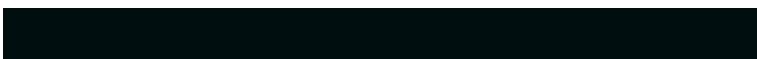
61, 5.933, 262.107



33, 3.150, 204.377



51, 30.186, 206.035



3, 4.171, 205.862

Inverse Universe

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



60, 11.179, 326.633



75, 16.631, 326.769



62, 6.036, 79.253



31, 5.865, 326.541



33, 71.738, 330.660



1, 7.562, 326.435

Previews

White Background



This preview shows how the CIELCh color 63, 5.974, 204.329 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 63, 5.974, 204.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

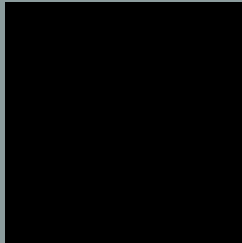
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

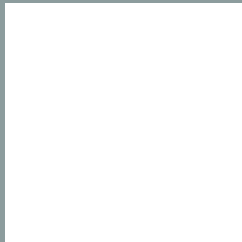
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 5.974, 204.329

Background



This preview shows how black text looks on a background with the CIELCh color 63, 5.974, 204.329.



This preview shows how white text looks on a background with the CIELCh color 63, 5.974, 204.329.

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, 5.974, 204.329

Protanopia

63, 2.053, 324.443

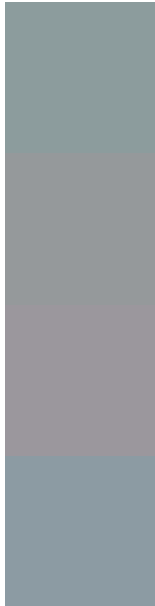
Deuteranopia

63, 8.341, 338.154



Tritanopia
63, 8.112, 255.244

Trichromacy



Original Color
63, 5.974, 204.329

Protanomaly
63, 1.874, 236.225

Deuteranomaly
63, 3.710, 314.784

Tritanomaly
63, 6.998, 238.925

Monochromacy



Original Color
63, 5.974, 204.329

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 2.282, 199.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 5.974, 204.329 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(140, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 157)  
}
```

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(140, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 5.974, 204.329 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(140, 156, 157) }
```

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

```
.border{ border-color:rgb(140, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 5.974, 204.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 157) }
```

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

```
.background{ background-color: rgb(140,  
156, 157) }
```

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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