

Converting Colors

CIELCh(63, 7.275, 252.942)

Have a look what the booklet for
CIELCh(63, 7.275, 252.942) contains.

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Color

CIELCh(63, 7.467, 254.883)

Conversions

Conversions Part 1

Format	Color
Hex	8E9AA5
RGB	142, 154, 165
RGB Percent	56%, 60%, 65%
CMY	0.4431, 0.3960, 0.3529
CMYK	0.14, 0.07, 0.00, 0.35
HSL	209°, 11%, 60%
HSV	209°, 14%, 65%
XYZ	29.5103, 31.5869, 40.1475
YIQ	151.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

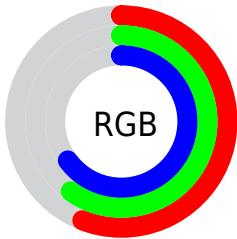
Format	Color
RYB	142, 150, 165
Decimal	9345701
CIELab	63.00, -1.95, -7.21
CIELCh	63, 7.467, 254.883
Yxy	31.5869, 0.2915, 0.3120
Android (android.graphics.Color)	4287535781 (0xFF8E9AA5)
YUV	151.6660, 6.5737, -8.4771
Hunter-Lab	56.2022, -4.6284, -3.0116

Details

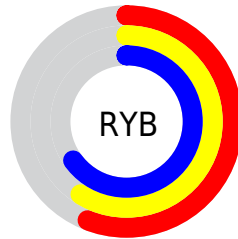
The CIELCh color $63, 7.467, 254.883$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.764, 71.345$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 7.527, 256.910$, and $43, 7.269, 255.242$ is the 20% darker color. If you saturate the color by 10%, you get $60, 12.725, 256.448$, and if you desaturate by 10%, it is $66, 2.126, 253.641$.

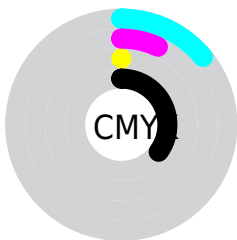
Distribution



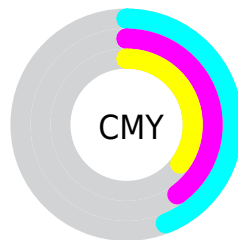
- Red (56%)
- Green (60%)
- Blue (65%)



- Red (56%)
- Yellow (59%)
- Blue (65%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.467, 254.883 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, 7.467, 254.883 by changing the saturation by 10% instead.

■ 63, 7.467, 254.883

■ 63, 7.467, 254.883

■ 100, 7.467,
254.883

■ 53, 7.467, 254.883

■ 83, 7.467, 254.883

■ 43, 7.467, 254.883

■ 93, 7.467, 254.883

■ 33, 7.467, 254.883

■ 23, 7.467, 254.883

■ 13, 7.467, 254.883

■ 3, 7.467, 254.883

■ 0, 7.467, 254.883

■ 63, 7.467, 254.883

■ 63, 7.467, 254.883

■ 60, 12.725,

■ 66, 2.126, 253.641

256.448

70, 3.272, 72.245

56, 17.877,
258.340

73, 8.706, 71.338

53, 22.903,
260.601

77, 14.156, 70.520

50, 27.791,
263.289

80, 19.605, 69.806

47, 32.551,
266.456

84, 25.041, 69.181

44, 37.216,
270.124

87, 29.774, 70.114

41, 41.852,
274.262

89, 31.176, 78.802

38, 46.549,
278.756

91, 33.237, 86.526

37, 49.492,
281.413

Harmonies

Complementary

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



63, 7.467, 254.883



64, 7.764, 71.345

Rectangle

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



63, 7.467, 254.883



63, 7.467, 304.883



63, 7.467, 74.883



63, 7.467, 124.883

Sweetspot

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



63, 7.466, 254.872



84, 2.670, 253.653



66, 11.116, 160.790



44, 1.893, 253.720



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 7.466, 254.872



79, 11.233, 255.371



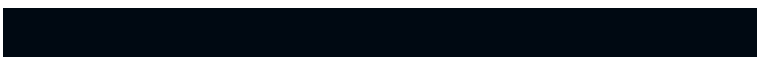
60, 12.571, 290.319



33, 3.013, 254.238



32, 44.638, 280.874



2, 4.893, 258.324

Inverse Universe

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



61, 11.197, 343.606



76, 16.943, 343.913



67, 12.210, 107.461



32, 4.481, 343.190



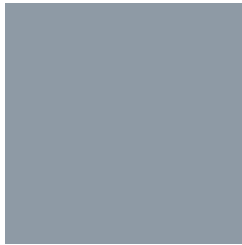
31, 56.105, 359.103



1, 6.672, 345.144

Previews

White Background



This preview shows how the CIELCh color 63, 7.467, 254.883 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, 7.467, 254.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

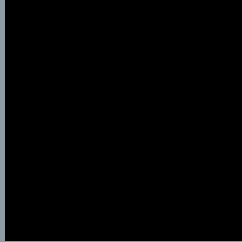
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

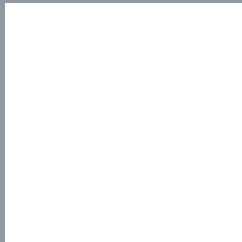
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 7.467, 254.883

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.467, 254.883.



This preview shows how white text looks on a background with the CIELCh color 63, 7.467, 254.883.

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, 7.467, 254.883

Protanopia

63, 6.739, 294.088

Deuteranopia

63, 11.253, 316.868



Tritanopia
63, 7.918, 257.384

Trichromacy



Original Color
63, 7.467, 254.883

Protanomaly
63, 6.850, 278.443

Deuteranomaly
63, 9.112, 300.522

Tritanomaly
63, 7.918, 257.384

Monochromacy



Original Color
63, 7.467, 254.883

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.903, 249.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.467, 254.883 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(142, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 165)  
}
```

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(142, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.467, 254.883 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(142, 154, 165) }
```

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

```
.border{ border-color:rgb(142, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.467, 254.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 165) }
```

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

```
.background{ background-color: rgb(142,  
154, 165) }
```

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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