

Converting Colors

CIELCh(63, 25.486, 257.298)

Have a look what the booklet for
CIELCh(63, 25.486, 257.298)
contains.

CIELCh(63, 25.612, 257.768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 25.612, 257.768)

Conversions

Conversions Part 1

Format	Color
Hex	6E9DC4
RGB	110, 157, 196
RGB Percent	43%, 62%, 77%
CMY	0.5671, 0.3828, 0.2298
CMYK	0.44, 0.20, 0.00, 0.23
HSL	207°, 42%, 60%
HSV	207°, 44%, 77%
XYZ	28.6099, 31.5869, 57.0516
YIQ	147.3930, -40.5310, 2.1650

Conversions

Conversions Part 2

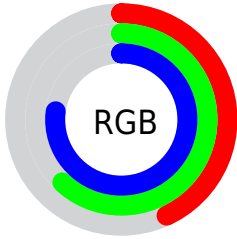
Format	Color
RYB	110, 140, 196
Decimal	7249348
CIELab	63.00, -5.43, -25.03
CIELCh	63, 25.612, 257.768
Yxy	31.5869, 0.2440, 0.2694
Android (android.graphics.Color)	4285439428 (0xFF6E9DC4)
YUV	147.3930, 23.9633, -32.7937
Hunter-Lab	56.2022, -7.4881, -20.8444

Details

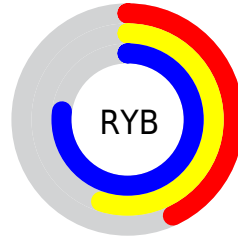
The CIELCh color **63, 25.612, 257.768** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **65, 30.172, 65.223**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.863, 258.619**, and **43, 25.555, 257.193** is the 20% darker color. If you saturate the color by 10%, you get **59, 30.979, 260.492**, and if you desaturate by 10%, it is **67, 20.039, 255.493**.

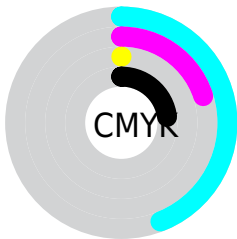
Distribution



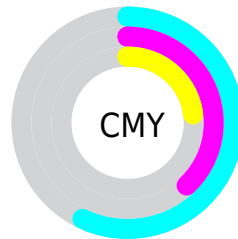
- Red (43%)
- Green (62%)
- Blue (77%)



- Red (43%)
- Yellow (55%)
- Blue (77%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (23%)





- Cyan (57%)
- Magenta (38%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 25.612, 257.768 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, 25.612, 257.768 by changing the saturation by 10% instead.


 63, 25.612,
257.768


 63, 25.612,
257.768


 100, 25.612,
257.768


 53, 25.612,
257.768


 83, 25.612,
257.768

 43, 25.612,
257.768


 93, 25.612,
257.768

 33, 25.612,
257.768

 23, 25.612,
257.768

 13, 25.612,
257.768

 3, 25.612, 257.768

 0, 25.612, 257.768

63, 25.612,
257.768

63, 25.612,
257.768

59, 30.979,
260.492

67, 20.039,
255.493

56, 36.146,
263.726

70, 14.279,
253.605

53, 41.153,
267.498

74, 8.362, 252.045

78, 2.322, 250.848

50, 46.079,
271.779

82, 3.809, 69.461

47, 51.040,
276.453

86, 10.001, 68.586

45, 54.218,
279.347

89, 16.228, 67.799

92, 19.481, 77.693

94, 22.097, 90.985

Harmonies

Complementary

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



63, 25.612, 257.768



65, 30.172, 65.223

Rectangle

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



63, 25.612, 257.768



63, 25.612, 307.768



63, 25.612, 77.768



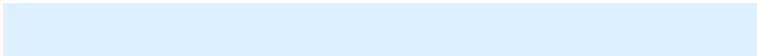
63, 25.612, 127.768

Sweetspot

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



63, 25.611, 257.767



94, 9.750, 251.962



73, 39.992, 156.762



49, 6.808, 252.282



0, 0.000, 0.000



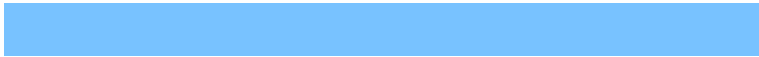
53, 0.007, 296.813

Same Dimension

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



63, 25.611, 257.767



76, 37.728, 260.502



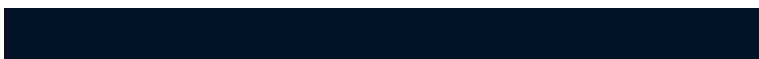
51, 47.493, 294.333



40, 3.488, 251.457



38, 46.673, 278.642



5, 13.281, 265.924

Inverse Universe

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



58, 41.411, 345.407



68, 60.988, 346.743



76, 42.779, 103.704



39, 5.368, 341.937



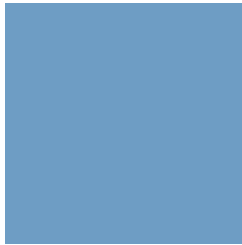
35, 61.421, 357.286



4, 18.349, 350.131

Previews

White Background



This preview shows how the CIELCh color 63, 25.612, 257.768 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, 25.612, 257.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

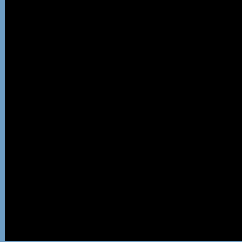
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

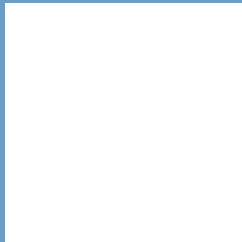
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 25.612, 257.768

Background



This preview shows how black text looks on a background with the CIELCh color 63, 25.612, 257.768.




This preview shows how white text looks on a background with the CIELCh color 63, 25.612, 257.768.

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



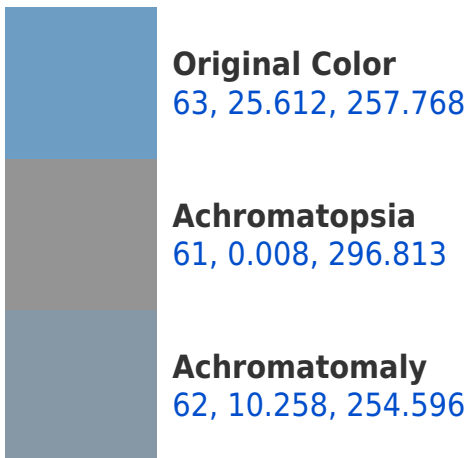


Tritanopia
63, 19.762, 219.725

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 25.612, 257.768 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(110, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(110, 157, 196)  
}
```

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(110, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 157, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 25.612, 257.768 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(110, 157, 196) }
```

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

```
.border{ border-color:rgb(110, 157, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 157, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 157, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 157, 196);  
box-shadow:4px 4px 4px 4px rgb(110, 157,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 25.612, 257.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 157, 196) }
```

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

```
.background{ background-color: rgb(110,  
157, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor