

Converting Colors

CIELCh(63, 15.841, 253.821)

Have a look what the booklet for
CIELCh(63, 15.841, 253.821)
contains.

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Color

CIELCh(63, 15.740, 254.094)

Conversions

Conversions Part 1

Format	Color
Hex	809CB3
RGB	128, 156, 179
RGB Percent	50%, 61%, 70%
CMY	0.4983, 0.3885, 0.2983
CMYK	0.29, 0.13, 0.00, 0.30
HSL	207°, 25%, 60%
HSV	207°, 29%, 70%
XYZ	28.8958, 31.5869, 47.1811
YIQ	150.2500, -24.0710, 1.2170

Conversions

Conversions Part 2

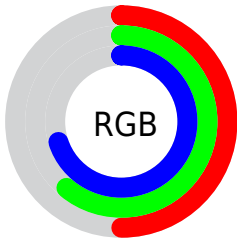
Format	Color
R _Y B	128, 146, 179
Decimal	8428723
CIE Lab	63.00, -4.31, -15.14
CIE LCh	63, 15.740, 254.094
Yxy	31.5869, 0.2684, 0.2934
Android (android.graphics.Color)	4286618803 (0xFF809CB3)
YUV	150.2500, 14.1738, -19.5132
Hunter-Lab	56.2022, -6.5799, -10.4316

Details

The CIELCh color `63, 15.740, 254.094` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 17.422, 66.680`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 15.907, 255.558`, and `43, 15.616, 253.174` is the 20% darker color. If you saturate the color by 10%, you get `60, 20.984, 256.126`, and if you desaturate by 10%, it is `66, 10.332, 252.402`.

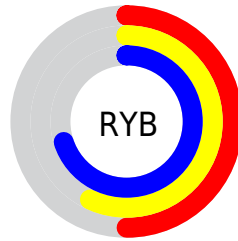
Distribution



Red (50%)

Green (61%)

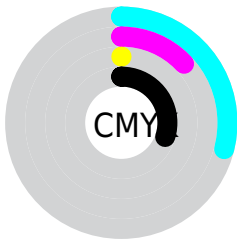
Blue (70%)



Red (50%)

Yellow (57%)

Blue (70%)

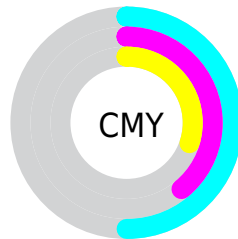


Cyan (29%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (39%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 15.740, 254.094 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, 15.740, 254.094 by changing the saturation by 10% instead.

■ 63, 15.740,
254.094

■ 63, 15.740,
254.094

■ 100, 15.740,
254.094

■ 53, 15.740,
254.094

■ 83, 15.740,
254.094

■ 43, 15.740,
254.094

■ 93, 15.740,
254.094

■ 33, 15.740,
254.094

■ 23, 15.740,
254.094

■ 13, 15.740,
254.094

■ 3, 15.740, 254.094

■ 0, 15.740, 254.094

63, 15.740,
254.094

63, 15.740,
254.094

60, 20.984,
256.126

66, 10.332,
252.402

56, 26.044,
258.572

70, 4.794, 251.024

53, 30.908,
261.491

73, 0.844, 69.312

77, 6.553, 68.693

50, 35.594,
264.933

81, 12.307, 67.865

47, 40.153,
268.905

84, 18.083, 67.143

88, 23.865, 66.515

44, 44.675,
273.349

90, 25.564, 76.354

42, 49.288,
278.031

92, 27.616, 86.048

41, 50.004,

278.694

Harmonies

Complementary

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



63, 15.740, 254.094



64, 17.422, 66.680

Rectangle

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



63, 15.740, 254.094



63, 15.740, 304.094



63, 15.740, 74.094



63, 15.740, 124.094

Sweetspot

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



63, 15.739, 254.090



88, 6.266, 251.104



69, 24.495, 158.550



47, 4.383, 251.286



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, 15.739, 254.090



77, 23.015, 255.282



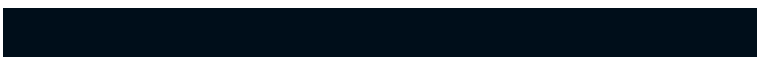
56, 27.757, 291.630



36, 3.185, 251.124



35, 44.056, 278.049



3, 8.435, 261.801

Inverse Universe

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



59, 25.145, 343.543



72, 37.070, 344.171



71, 26.121, 105.253



35, 4.918, 341.788



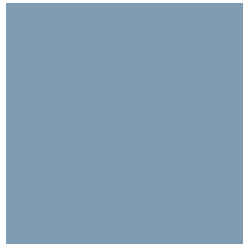
33, 58.670, 356.829



2, 10.923, 347.118

Previews

White Background



This preview shows how the CIELCh color 63, 15.740, 254.094 looks on a white background.

Color Contrast Check

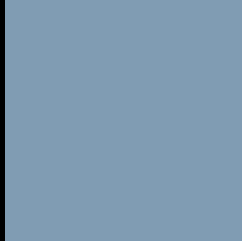
Large Text (above 18pt) WCAG AA × Fail

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, 15.740, 254.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

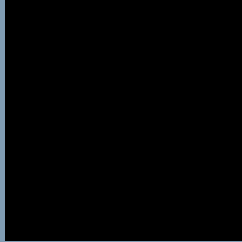
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

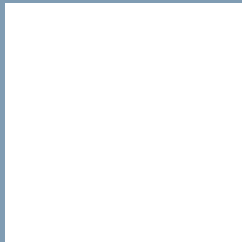
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 15.740, 254.094

Background



This preview shows how black text looks on a background with the CIELCh color 63, 15.740, 254.094.

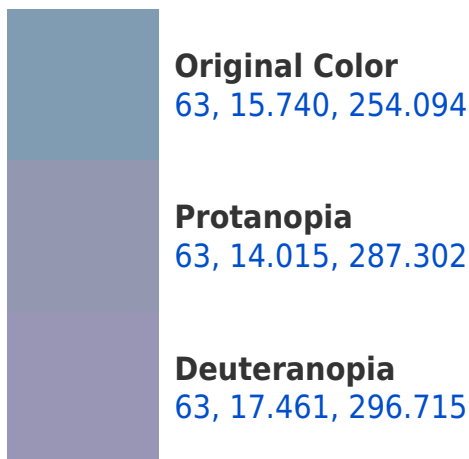



This preview shows how white text looks on a background with the CIELCh color 63, 15.740, 254.094.

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, 12.841, 233.332

Trichromacy



Original Color
63, 15.740, 254.094

Protanomaly
63, 13.960, 273.995

Deuteranomaly
63, 15.842, 281.655

Tritanomaly
63, 13.488, 240.523

Monochromacy



Original Color
63, 15.740, 254.094

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.185, 254.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 15.740, 254.094 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(128, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 179)  
}
```

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(128, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 15.740, 254.094 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(128, 156, 179) }
```

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

```
.border{ border-color:rgb(128, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 15.740, 254.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 179) }
```

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

```
.background{ background-color: rgb(128,  
156, 179) }
```

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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