

Converting Colors

CIELCh(63, 17.125, 244.940)

Have a look what the booklet for
CIELCh(63, 17.125, 244.940)
contains.

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Color

CIELCh(63, 17.326, 244.172)

Conversions

Conversions Part 1

Format	Color
Hex	789EB4
RGB	120, 158, 180
RGB Percent	47%, 62%, 71%
CMY	0.5307, 0.3817, 0.2955
CMYK	0.33, 0.12, 0.00, 0.30
HSL	202°, 28%, 59%
HSV	202°, 33%, 70%
XYZ	28.0698, 31.5869, 47.6106
YIQ	149.1460, -29.7100, -1.2140

Conversions

Conversions Part 2

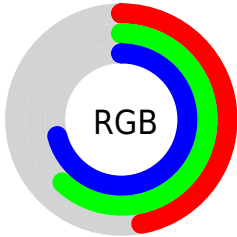
Format	Color
R _Y B	120, 143, 180
Decimal	7904948
CIE Lab	63.00, -7.55, -15.60
CIE LCh	63, 17.326, 244.172
Yxy	31.5869, 0.2617, 0.2945
Android (android.graphics.Color)	4286095028 (0xFF789EB4)
YUV	149.1460, 15.2110, -25.5610
Hunter-Lab	56.2022, -9.2035, -10.8848

Details

The CIELCh color `63, 17.326, 244.172` is a light color, and the websafe version is hex `669999`. A complement of this color would be `62, 20.536, 56.913`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 17.303, 243.639`, and `43, 17.136, 243.295` is the 20% darker color. If you saturate the color by 10%, you get `60, 21.952, 246.159`, and if you desaturate by 10%, it is `66, 12.403, 242.557`.

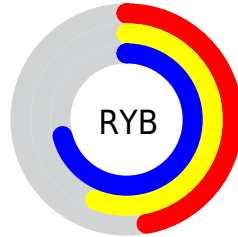
Distribution



Red (47%)

Green (62%)

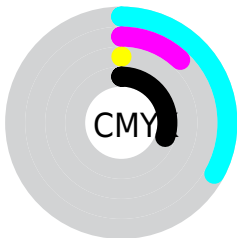
Blue (71%)



Red (47%)

Yellow (56%)

Blue (71%)

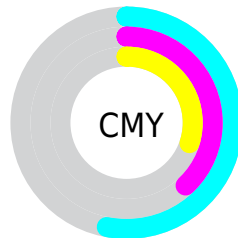


Cyan (33%)

Magenta (12%)

Yellow (0%)

Black (30%)



Cyan (53%)


Magenta (38%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 17.326, 244.172 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, 17.326, 244.172 by changing the saturation by 10% instead.


 63, 17.326,
244.172


 63, 17.326,
244.172


 100, 17.326,
244.172


 53, 17.326,
244.172


 83, 17.326,
244.172

 43, 17.326,
244.172

 93, 17.326,
244.172

 33, 17.326,
244.172

 23, 17.326,
244.172

 13, 17.326,
244.172

 3, 17.326, 244.172

 0, 17.326, 244.172

63, 17.326,
244.172

63, 17.326,
244.172

60, 21.952,
246.159

66, 12.403,
242.557

57, 26.243,
248.604

69, 7.233, 241.263

72, 1.863, 240.359

55, 30.179,
251.583

75, 3.661, 59.129

52, 33.772,
255.160

78, 9.300, 58.475

50, 37.084,
259.360

82, 15.021, 57.892

85, 20.795, 57.398

47, 40.228,
264.124

87, 23.958, 61.707

46, 42.334,
267.352

89, 24.615, 71.161

Harmonies

Complementary

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



63, 17.326, 244.172



62, 20.536, 56.913

Rectangle

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



63, 17.326, 244.172



63, 17.326, 294.172



63, 17.326, 64.172



63, 17.326, 114.172

Sweetspot

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



63, 17.325, 244.169



89, 6.746, 240.911



68, 31.055, 153.550



47, 4.588, 241.058



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, 17.325, 244.169



78, 25.319, 245.580



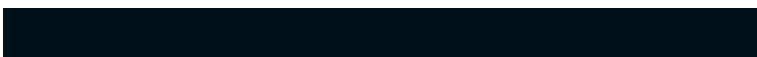
55, 29.366, 287.868



36, 3.064, 240.824



39, 37.277, 266.643



4, 7.891, 252.836

Inverse Universe

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



58, 31.219, 339.745



70, 46.259, 340.435



69, 27.863, 99.557



35, 5.217, 337.742



33, 60.820, 349.647



2, 11.580, 342.414

Previews

White Background



This preview shows how the CIELCh color 63, 17.326, 244.172 looks on a white background.

Color Contrast Check

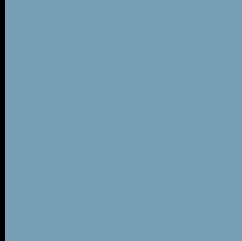
Large Text (above 18pt) WCAG AA × Fail

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, 17.326, 244.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

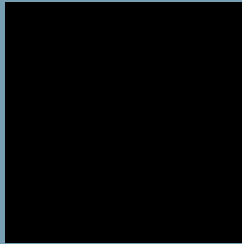
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

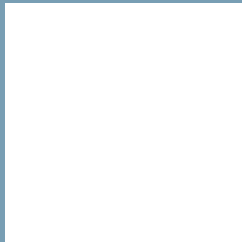
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 17.326, 244.172

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.326, 244.172.



This preview shows how white text looks on a background with the CIELCh color 63, 17.326, 244.172.

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, 17.326, 244.172

Protanopia

63, 13.458, 287.048

Deuteranopia

63, 18.547, 295.433



Tritanopia
63, 15.530, 226.456

Trichromacy



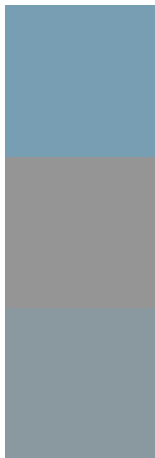
Original Color
63, 17.326, 244.172

Protanomaly
63, 14.274, 270.023

Deuteranomaly
63, 16.641, 277.421

Tritanomaly
63, 15.956, 232.766

Monochromacy



Original Color
63, 17.326, 244.172

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.749, 240.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.326, 244.172 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(120, 158, 180)` looks like.

```
.text, #text, p{  
    color:rgb(120, 158, 180)  
}
```

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(120, 158, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 158, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.326, 244.172 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(120, 158, 180) }
```

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

```
.border{ border-color:rgb(120, 158, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 158, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 158, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 158, 180);  
box-shadow:4px 4px 4px 4px rgb(120, 158,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.326, 244.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 158, 180) }
```

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

```
.background{ background-color: rgb(120,  
158, 180) }
```

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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