

Converting Colors

CIELCh(64, 17.990, 182.218)

Have a look what the booklet for
CIELCh(64, 17.990, 182.218)
contains.

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Color

CIELCh(64, 17.820, 183.281)

Conversions

Conversions Part 1

Format	Color
Hex	74A49C
RGB	116, 164, 156
RGB Percent	45%, 64%, 61%
CMY	0.5440, 0.3557, 0.3871
CMYK	0.29, 0.00, 0.05, 0.36
HSL	170°, 21%, 55%
HSV	170°, 29%, 64%
XYZ	26.5961, 32.8017, 36.5136
YIQ	148.7360, -26.0400, -12.6640

Conversions

Conversions Part 2

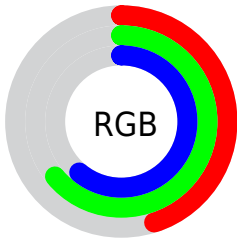
Format	Color
RYB	116, 142, 164
Decimal	7644316
CIELab	64.00, -17.79, -1.02
CIELCh	64, 17.820, 183.281
Yxy	32.8017, 0.2773, 0.3420
Android (android.graphics.Color)	4285834396 (0xFF74A49C)
YUV	148.7360, 3.5812, -28.7095
Hunter-Lab	57.2727, -17.3361, 2.2913

Details

The CIELCh color $64, 17.820, 183.281$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 20.326, 8.926$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 17.962, 182.764$, and $44, 17.900, 183.706$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.240, 182.310$, and if you desaturate by 10%, it is $65, 11.990, 184.203$.

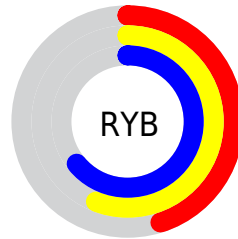
Distribution



Red (45%)

Green (64%)

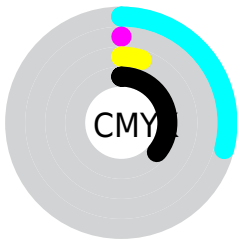
Blue (61%)



Red (45%)

Yellow (56%)

Blue (64%)

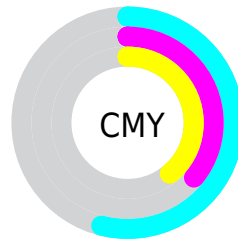


Cyan (29%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (54%)


Magenta (36%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 17.820, 183.281 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 64, 17.820, 183.281 by changing the saturation by 10% instead.

 64, 17.820,
183.281


 64, 17.820,
183.281


 100, 17.820,
183.281


 54, 17.820,
183.281


 84, 17.820,
183.281

 44, 17.820,
183.281

 94, 17.820,
183.281

 34, 17.820,
183.281

 24, 17.820,
183.281

 14, 17.820,
183.281

 4, 17.820, 183.281

 0, 17.820, 183.281

64, 17.820,
183.281

64, 17.820,
183.281

63, 23.240,
182.310

65, 11.990,
184.203

62, 28.145,
181.283

66, 5.851, 185.116

62, 32.440,
180.179

68, 0.504, 4.990

69, 6.991, 6.632

61, 36.050,
178.977

71, 13.543, 7.453

61, 38.934,
177.657

72, 20.106, 8.232

74, 26.638, 8.985

60, 41.101,
176.199

76, 33.109, 9.714

60, 42.706,
174.629

77, 36.012, 8.751

60, 42.827,

174.510

Harmonies

Complementary

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



64, 17.820, 183.281



54, 20.326, 8.926

Rectangle

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



64, 17.820, 183.281



64, 17.820, 233.281



64, 17.820, 3.281



64, 17.820, 53.281

Sweetspot

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



64, 17.821, 183.278



84, 7.086, 185.121



64, 30.801, 137.775



44, 4.906, 184.992



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 17.821, 183.278



81, 26.021, 182.661



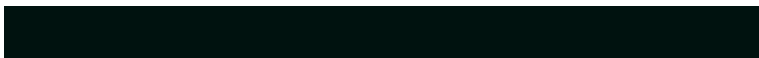
60, 14.009, 236.652



34, 3.569, 185.113



54, 39.063, 174.695



4, 5.733, 182.528

Inverse Universe

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



54, 20.326, 8.926



66, 30.646, 9.880



58, 16.539, 51.679



32, 3.713, 6.575



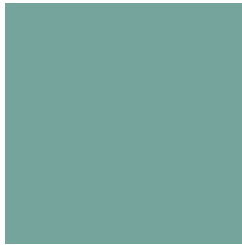
30, 61.845, 30.744



1, 5.610, 7.050

Previews

White Background



This preview shows how the CIELCh color 64, 17.820, 183.281 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 64, 17.820, 183.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

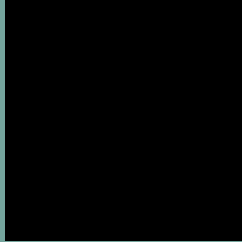
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 17.820, 183.281

Background



This preview shows how black text looks on a background with the CIELCh color 64, 17.820, 183.281.

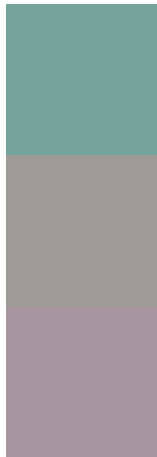


This preview shows how white text looks on a background with the CIELCh color 64, 17.820, 183.281.

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


64, 17.820, 183.281

Protanopia

64, 2.699, 74.706

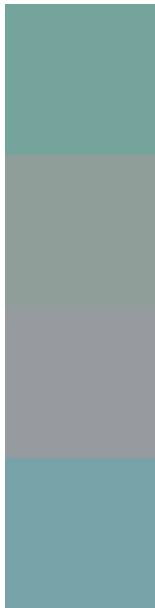
Deuteranopia

64, 8.268, 342.874



Tritanopia
64, 15.779, 225.863

Trichromacy



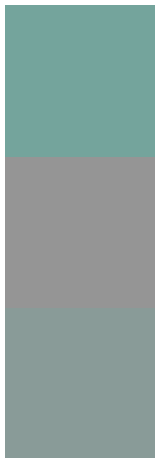
Original Color
64, 17.820, 183.281

Protanomaly
64, 6.646, 168.640

Deuteranomaly
64, 2.791, 236.316

Tritanomaly
64, 15.420, 208.638

Monochromacy



Original Color
64, 17.820, 183.281

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.001, 184.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 17.820, 183.281 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(116, 164, 156)` looks like.

```
.text, #text, p{  
    color:rgb(116, 164, 156)  
}
```

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(116, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 164, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 17.820, 183.281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

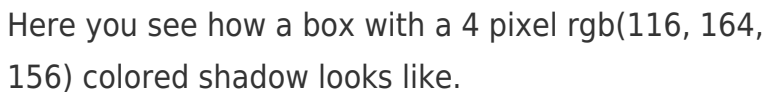
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 164, 156) }
```

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

```
.border{ border-color:rgb(116, 164, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 164, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(116, 164,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 17.820, 183.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 164, 156) }
```

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

```
.background{ background-color: rgb(116,  
164, 156) }
```

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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