

Converting Colors

CIELCh(64, 20.217, 171.733)

Have a look what the booklet for
CIELCh(64, 20.217, 171.733)
contains.

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Color

CIELCh(64, 20.113, 171.276)

Conversions

Conversions Part 1

Format	Color
Hex	74A595
RGB	116, 165, 149
RGB Percent	45%, 65%, 58%
CMY	0.5450, 0.3529, 0.4156
CMYK	0.30, 0.00, 0.10, 0.35
HSL	160°, 21%, 55%
HSV	160°, 30%, 65%
XYZ	26.0896, 32.8017, 33.3977
YIQ	148.5250, -24.0680, -15.3640

Conversions

Conversions Part 2

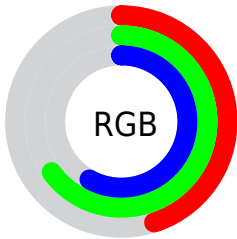
Format	Color
RYB	116, 145, 165
Decimal	7644565
CIELab	64.00, -19.88, 3.05
CIELCh	64, 20.113, 171.276
Yxy	32.8017, 0.2827, 0.3554
Android (android.graphics.Color)	4285834645 (0xFF74A595)
YUV	148.5250, 0.2342, -28.5244
Hunter-Lab	57.2727, -18.9148, 5.5169

Details

The CIELCh color **64, 20.113, 171.276** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **54, 21.744, 357.307**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 20.103, 171.471**, and **44, 20.154, 170.572** is the 20% darker color. If you saturate the color by 10%, you get **63, 26.402, 170.122**, and if you desaturate by 10%, it is **65, 13.513, 172.333**.

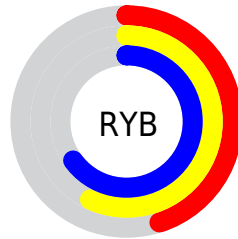
Distribution



Red (45%)

Green (65%)

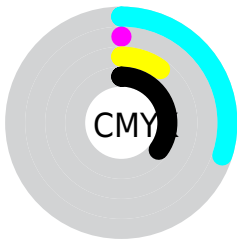
Blue (58%)



Red (45%)

Yellow (57%)

Blue (65%)

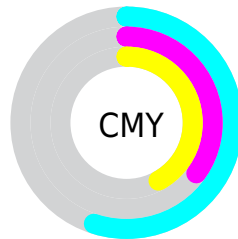


Cyan (30%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (55%)


Magenta (35%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 20.113, 171.276 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, 20.113, 171.276 by changing the saturation by 10% instead.


 64, 20.113,
171.276


 64, 20.113,
171.276


 100, 20.113,
171.276


 54, 20.113,
171.276


 84, 20.113,
171.276


 44, 20.113,
171.276


 94, 20.113,
171.276

 34, 20.113,
171.276

 24, 20.113,
171.276

 14, 20.113,
171.276

 4, 20.113, 171.276

 0, 20.113, 171.276

64, 20.113,
171.276

64, 20.113,
171.276

63, 26.402,
170.122

65, 13.513,
172.333

62, 32.264,
168.853

66, 6.704, 173.331

61, 37.592,
167.444

68, 0.217, 352.299

69, 7.173, 354.957

61, 42.295,
165.871

71, 14.101,
355.780

60, 46.316,
164.113

73, 20.954,
356.544

60, 49.651,
162.156


75, 27.697,
357.266

60, 52.459,
160.076

76, 34.307,
357.954

60, 52.544,

160.015

 77, 37.573,
355.851

Harmonies

Complementary

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



64, 20.113, 171.276



54, 21.744, 357.307

Rectangle

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



64, 20.113, 171.276



64, 20.113, 221.276



64, 20.113, 351.276



64, 20.113, 41.276

Sweetspot

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



64, 20.114, 171.274



84, 7.698, 173.384



64, 30.001, 133.311



44, 5.336, 173.246



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, 20.114, 171.274



80, 29.790, 170.483



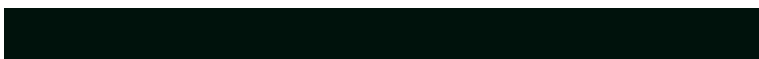
62, 14.738, 216.488



34, 3.878, 173.374



53, 47.671, 160.271



4, 6.293, 170.410

Inverse Universe

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



54, 21.744, 357.307



66, 32.826, 358.290



56, 18.091, 35.918



32, 3.972, 354.941



30, 56.727, 17.494



1, 5.977, 356.247

Previews

White Background



This preview shows how the CIELCh color 64, 20.113, 171.276 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, 20.113, 171.276 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, 20.113, 171.276

Background



This preview shows how black text looks on a background with the CIELCh color 64, 20.113, 171.276.

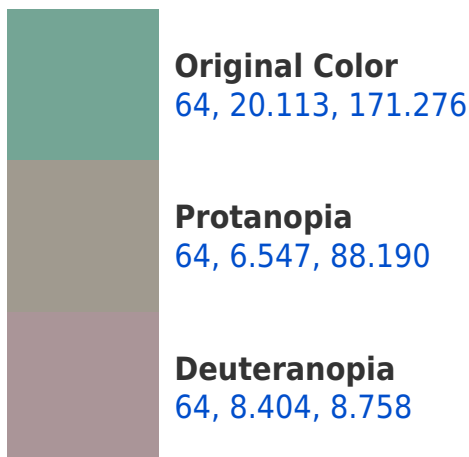


This preview shows how white text looks on a background with the CIELCh color 64, 20.113, 171.276.

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
64, 15.243, 226.986

Trichromacy



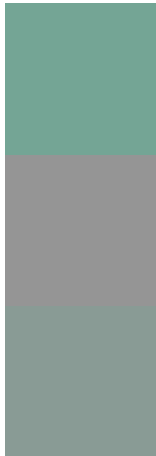
Original Color
64, 20.113, 171.276

Protanomaly
64, 9.087, 145.928

Deuteranomaly
63, 2.957, 150.419

Tritanomaly
64, 15.083, 204.561

Monochromacy



Original Color
64, 20.113, 171.276

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.655, 172.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 20.113, 171.276 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, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(116, 165, 149)  
}
```

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, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 165, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 20.113, 171.276 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, 165, 149) }
```

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

```
.border{ border-color:rgb(116, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(116, 165,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 20.113, 171.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 165, 149) }
```

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

```
.background{ background-color: rgb(116,  
165, 149) }
```

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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