

Converting Colors

CIELCh(67, 20.538, 174.301)

Have a look what the booklet for
CIELCh(67, 20.538, 174.301)
contains.

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Color

CIELCh(67, 20.310, 175.237)

Conversions

Conversions Part 1

Format	Color
Hex	79AD9F
RGB	121, 173, 159
RGB Percent	47%, 68%, 62%
CMY	0.5241, 0.3201, 0.3751
CMYK	0.30, 0.00, 0.08, 0.32
HSL	164°, 24%, 58%
HSV	164°, 30%, 68%
XYZ	29.2363, 36.6320, 38.4924
YIQ	155.8560, -26.4980, -15.3780

Conversions

Conversions Part 2

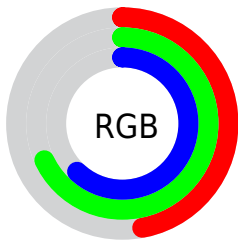
Format	Color
RYB	121, 151, 173
Decimal	7974303
CIELab	67.00, -20.24, 1.69
CIElCh	67, 20.310, 175.237
Yxy	36.6320, 0.2801, 0.3510
Android (android.graphics.Color)	4286164383 (0xFF79AD9F)
YUV	155.8560, 1.5500, -30.5687
Hunter-Lab	60.5244, -19.6932, 4.6597

Details

The CIELCh color **67, 20.310, 175.237** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **57, 22.397, 1.411**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 20.339, 175.261**, and **47, 19.972, 176.277** is the 20% darker color. If you saturate the color by 10%, you get **66, 26.488, 174.108**, and if you desaturate by 10%, it is **68, 13.765, 176.280**.

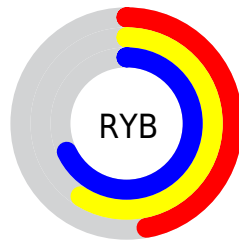
Distribution



Red (47%)

Green (68%)

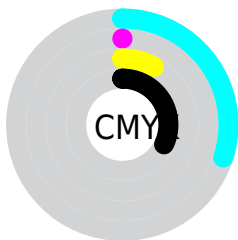
Blue (62%)



Red (47%)

Yellow (59%)

Blue (68%)

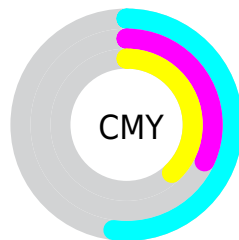


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (52%)


Magenta (32%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 20.310, 175.237 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 67, 20.310, 175.237 by changing the saturation by 10% instead.


 67, 20.310,
175.237


 67, 20.310,
175.237


 100, 20.310,
175.237


 57, 20.310,
175.237


 87, 20.310,
175.237

 47, 20.310,
175.237

 97, 20.310,
175.237

 37, 20.310,
175.237

 27, 20.310,
175.237

 17, 20.310,
175.237

 7, 20.310, 175.237

 0, 20.310, 175.237

67, 20.310,
175.237

67, 20.310,
175.237

66, 26.488,
174.108

68, 13.765,
176.280

65, 32.181,
172.879

69, 6.961, 177.275

64, 37.283,
171.525

71, 0.008, 288.263

72, 7.041, 358.913

64, 41.706,
170.020

74, 14.087,
359.759

63, 45.400,
168.343

76, 21.087, 0.548

63, 48.371,
166.479

78, 28.002, 1.299

79, 33.015, 0.613

63, 50.795,
164.491

79, 33.742,
356.603

Harmonies

Complementary

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



67, 20.310, 175.237



57, 22.397, 1.411

Rectangle

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



67, 20.310, 175.237



67, 20.310, 225.237



67, 20.310, 355.237



67, 20.310, 45.237

Sweetspot

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



67, 20.311, 175.235



88, 7.731, 177.360



67, 32.028, 134.829



46, 5.359, 177.219



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 20.311, 175.235



84, 29.645, 174.499



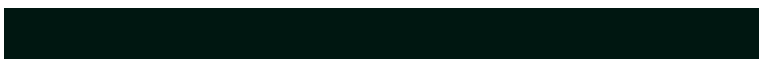
64, 15.113, 223.060



36, 3.943, 177.345



55, 45.585, 164.751



6, 8.829, 172.250

Inverse Universe

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



57, 22.397, 1.411



68, 33.457, 2.396



59, 18.486, 40.909



34, 4.060, 358.929



31, 59.724, 22.815



2, 8.222, 1.758

Previews

White Background



This preview shows how the CIELCh color 67, 20.310, 175.237 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 67, 20.310, 175.237 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 67, 20.310, 175.237

Background



This preview shows how black text looks on a background with the CIELCh color 67, 20.310, 175.237.

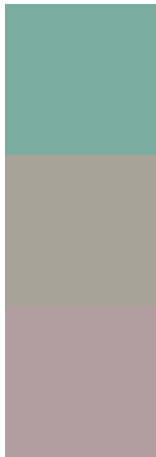


This preview shows how white text looks on a background with the CIELCh color 67, 20.310, 175.237.

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
67, 20.310, 175.237

Protanopia
67, 5.467, 84.264

Deuteranopia
67, 8.756, 358.036



Tritanopia
67, 15.991, 225.216

Trichromacy



Original Color
67, 20.310, 175.237

Protanomaly
67, 8.388, 152.401

Deuteranomaly
66, 2.336, 185.708

Tritanomaly
67, 15.946, 204.131

Monochromacy



Original Color
67, 20.310, 175.237

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.685, 177.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 20.310, 175.237 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(121, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 159)  
}
```

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(121, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 20.310, 175.237 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(121, 173, 159) }
```

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

```
.border{ border-color:rgb(121, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 20.310, 175.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 159) }
```

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

```
.background{ background-color: rgb(121,  
173, 159) }
```

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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