

Converting Colors

CIELCh(69, 20.283, 218.834)

Have a look what the booklet for
CIELCh(69, 20.283, 218.834)
contains.

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Color

CIELCh(69, 20.487, 218.539)

Conversions

Conversions Part 1

Format	Color
Hex	76B2BF
RGB	118, 178, 191
RGB Percent	46%, 70%, 75%
CMY	0.5381, 0.3028, 0.2518
CMYK	0.38, 0.07, 0.00, 0.25
HSL	191°, 36%, 61%
HSV	191°, 38%, 75%
XYZ	32.7003, 39.3444, 55.0363
YIQ	161.5420, -39.9330, -8.6770

Conversions

Conversions Part 2

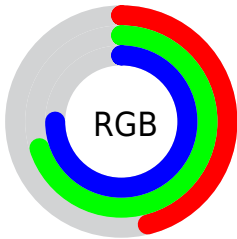
Format	Color
RYB	118, 151, 191
Decimal	7779007
CIELab	69.00, -16.02, -12.76
CIElCh	69, 20.487, 218.539
Yxy	39.3444, 0.2573, 0.3096
Android (android.graphics.Color)	4285969087 (0xFF76B2BF)
YUV	161.5420, 14.5228, -38.1863
Hunter-Lab	62.7251, -16.7119, -8.1147

Details

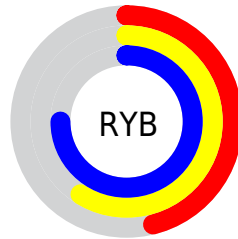
The CIELCh color **69, 20.487, 218.539** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 27.012, 37.315**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 20.453, 217.698**, and **49, 20.600, 219.559** is the 20% darker color. If you saturate the color by 10%, you get **67, 24.642, 219.453**, and if you desaturate by 10%, it is **71, 15.749, 217.882**.

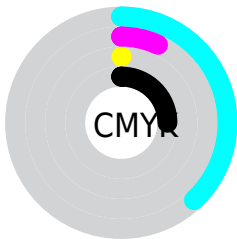
Distribution



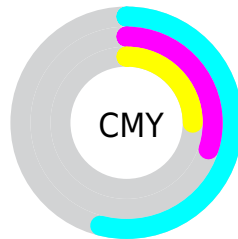
- Red (46%)
- Green (70%)
- Blue (75%)



- Red (46%)
- Yellow (59%)
- Blue (75%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)





- Cyan (54%)
- Magenta (30%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 20.487, 218.539 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 69, 20.487, 218.539 by changing the saturation by 10% instead.


 69, 20.487,
218.539


 69, 20.487,
218.539


 100, 20.487,
218.539


 59, 20.487,
218.539


 89, 20.487,
218.539

 49, 20.487,
218.539

 99, 20.487,
218.539

 39, 20.487,
218.539

 29, 20.487,
218.539

 19, 20.487,
218.539

 9, 20.487, 218.539

 0, 20.487, 218.539

69, 20.487,
218.539

69, 20.487,
218.539

67, 24.642,
219.453

71, 15.749,
217.882

65, 28.131,
220.695

73, 10.520,
217.444

64, 30.893,
222.332

75, 4.892, 217.210

62, 32.907,
224.439

78, 1.052, 36.435

80, 7.238, 36.800

61, 34.209,
227.089

83, 13.603, 36.844

60, 34.943,
230.281

85, 20.095, 36.925

86, 20.821, 41.345

60, 35.059,
230.851

87, 20.348, 47.064

Harmonies

Complementary

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



69, 20.487, 218.539



60, 27.012, 37.315

Rectangle

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



69, 20.487, 218.539



69, 20.487, 268.539



69, 20.487, 38.539



69, 20.487, 88.539

Sweetspot

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



69, 20.487, 218.536



94, 7.984, 217.253



71, 42.798, 146.359



50, 5.388, 217.281



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 20.487, 218.536



85, 29.229, 219.294



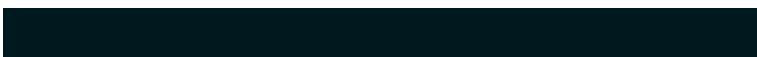
59, 28.318, 277.406



39, 3.317, 217.223



50, 30.492, 230.306



7, 9.576, 224.726

Inverse Universe

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



59, 42.533, 332.185



71, 62.405, 332.755



69, 28.522, 86.176



37, 6.248, 330.311



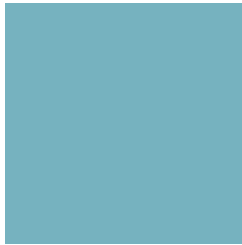
36, 70.493, 336.727



3, 18.010, 333.036

Previews

White Background



This preview shows how the CIE LCh color 69, 20.487, 218.539 looks on a white background.

Color Contrast Check

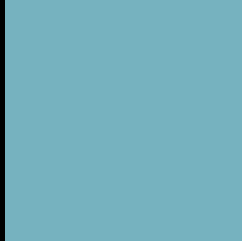
Large Text (above 18pt) WCAG AA × Fail

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 69, 20.487, 218.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

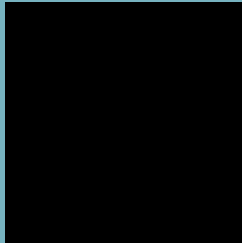
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.487, 218.539

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.487, 218.539.



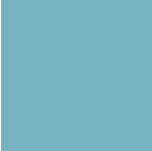
This preview shows how white text looks on a background with the CIELCh color 69, 20.487, 218.539.

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
69, 20.607, 220.079

Trichromacy



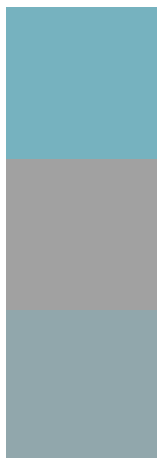
Original Color
69, 20.487, 218.539

Protanomaly
69, 11.346, 245.777

Deuteranomaly
69, 14.280, 267.191

Tritanomaly
69, 20.607, 220.079

Monochromacy



Original Color
69, 20.487, 218.539

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.344, 218.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.487, 218.539 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(118, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(118, 178, 191)  
}
```

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(118, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 178, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.487, 218.539 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(118, 178, 191) }
```

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

```
.border{ border-color:rgb(118, 178, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(118, 178,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.487, 218.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 178, 191) }
```

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

```
.background{ background-color: rgb(118,  
178, 191) }
```

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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