

Converting Colors

CIELCh(69, 20.678, 200.842)

Have a look what the booklet for
CIELCh(69, 20.678, 200.842)
contains.

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Color

CIELCh(69, 20.678, 200.842)

Conversions

Conversions Part 1

Format	Color
Hex	75B3B5
RGB	117, 179, 181
RGB Percent	46%, 70%, 71%
CMY	0.5413, 0.2981, 0.2903
CMYK	0.35, 0.01, 0.00, 0.29
HSL	182°, 30%, 58%
HSV	182°, 35%, 71%
XYZ	31.7849, 39.3444, 49.6204
YIQ	160.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

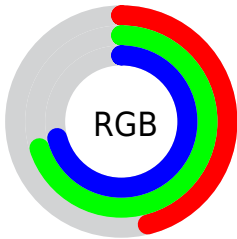
Format	Color
RYB	117, 148, 181
Decimal	7713717
CIELab	69.00, -19.32, -7.36
CIELCh	69, 20.678, 200.842
Yxy	39.3444, 0.2632, 0.3258
Android (android.graphics.Color)	4285903797 (0xFF75B3B5)
YUV	160.6900, 10.0128, -38.3161
Hunter-Lab	62.7251, -19.3170, -2.9954

Details

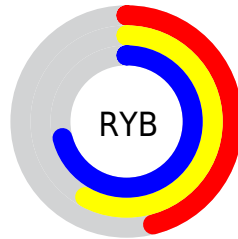
The CIELCh color **69, 20.678, 200.842** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 26.505, 24.806**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 20.584, 201.002**, and **49, 20.674, 200.592** is the 20% darker color. If you saturate the color by 10%, you get **68, 25.310, 200.635**, and if you desaturate by 10%, it is **70, 15.424, 201.128**.

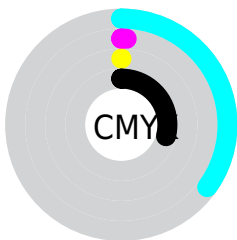
Distribution



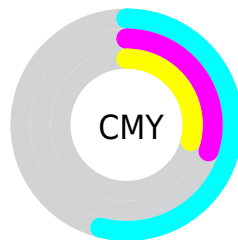
- Red (46%)
- Green (70%)
- Blue (71%)



- Red (46%)
- Yellow (58%)
- Blue (71%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)




- Cyan (54%)
- Magenta (30%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 20.678, 200.842 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, 20.678, 200.842 by changing the saturation by 10% instead.

 69, 20.678,
200.842


 69, 20.678,
200.842


 100, 20.678,
200.842


 59, 20.678,
200.842


 89, 20.678,
200.842

 49, 20.678,
200.842

 99, 20.678,
200.842

 39, 20.678,
200.842

 29, 20.678,
200.842

 19, 20.678,
200.842

 9, 20.678, 200.842

 0, 20.678, 200.842

69, 20.678,
200.842

69, 20.678,
200.842

68, 25.310,
200.635

70, 15.424,
201.128

67, 29.227,
200.526

71, 9.649, 201.499

73, 3.457, 202.002

66, 32.356,
200.523

74, 3.055, 22.137

66, 34.662,
200.635

76, 9.801, 22.742

65, 36.152,
200.869

78, 16.708, 23.277

80, 23.716, 23.818

65, 36.894,
201.225

81, 28.064, 24.381

65, 37.108,
201.412

81, 27.872, 24.975

Harmonies

Complementary

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



69, 20.678, 200.842



56, 26.505, 24.806

Rectangle

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



69, 20.678, 200.842



69, 20.678, 250.842



69, 20.678, 20.842



69, 20.678, 70.842

Sweetspot

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



69, 20.678, 200.839



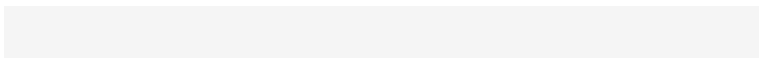
91, 8.631, 201.682



68, 42.164, 142.325



48, 5.774, 201.621



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 20.678, 200.839



86, 29.324, 200.680



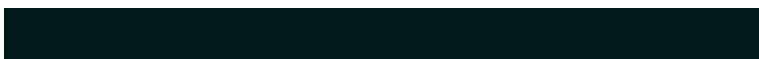
60, 20.875, 262.999



37, 3.576, 201.772



56, 32.802, 201.344



7, 8.714, 203.296

Inverse Universe

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



58, 41.717, 327.206



70, 60.674, 327.584



64, 22.798, 72.766



35, 6.609, 325.773



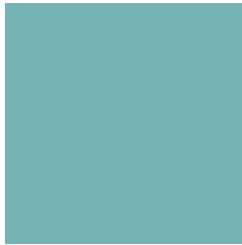
36, 77.048, 329.493



3, 15.741, 325.739

Previews

White Background



This preview shows how the CIELCh color 69, 20.678, 200.842 looks on a white background.

Color Contrast Check

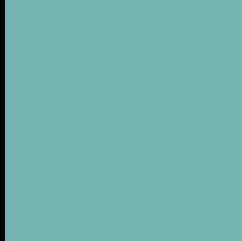
Large Text (above 18pt) WCAG AA × Fail

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 69, 20.678, 200.842 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

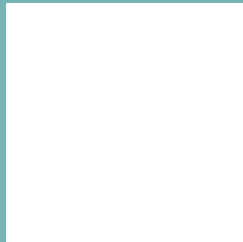
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 20.678, 200.842

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.678, 200.842.

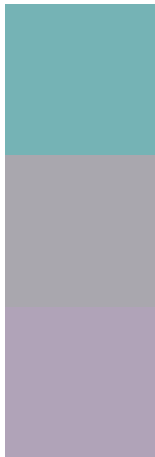


This preview shows how white text looks on a background with the CIELCh color 69, 20.678, 200.842.

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
69, 20.678, 200.842

Protanopia
69, 3.935, 301.486

Deuteranopia
69, 12.564, 313.577



Tritanopia
69, 19.985, 222.622

Trichromacy



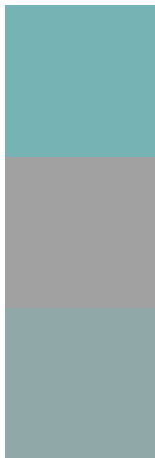
Original Color
69, 20.678, 200.842

Protanomaly
69, 8.163, 222.801

Deuteranomaly
69, 9.068, 257.526

Tritanomaly
69, 19.939, 214.069

Monochromacy



Original Color
69, 20.678, 200.842

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.396, 198.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.678, 200.842 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(117, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(117, 179, 181)  
}
```

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(117, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 179, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.678, 200.842 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(117, 179, 181) }
```

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

```
.border{ border-color:rgb(117, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(117, 179,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.678, 200.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 179, 181) }
```

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

```
.background{ background-color: rgb(117,  
179, 181) }
```

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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