

Converting Colors

CIELCh(69, 20.192, 187.534)

Have a look what the booklet for
CIELCh(69, 20.192, 187.534)
contains.

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Color

CIELCh(69, 20.203, 186.725)

Conversions

Conversions Part 1

Format	Color
Hex	7AB3AC
RGB	122, 179, 172
RGB Percent	48%, 70%, 67%
CMY	0.5217, 0.2981, 0.3256
CMYK	0.32, 0.00, 0.04, 0.30
HSL	173°, 27%, 59%
HSV	173°, 32%, 70%
XYZ	31.5823, 39.3444, 44.9478
YIQ	161.1590, -31.7250, -14.2610

Conversions

Conversions Part 2

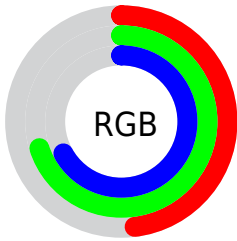
Format	Color
RYB	122, 152, 179
Decimal	8041388
CIELab	69.00, -20.06, -2.37
CIELCh	69, 20.203, 186.725
Yxy	39.3444, 0.2726, 0.3395
Android (android.graphics.Color)	4286231468 (0xFF7AB3AC)
YUV	161.1590, 5.3446, -34.3424
Hunter-Lab	62.7251, -19.8936, 1.4214

Details

The CIELCh color **69, 20.203, 186.725** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 23.813, 12.693**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 20.352, 186.184**, and **49, 20.173, 187.150** is the 20% darker color. If you saturate the color by 10%, you get **68, 25.652, 185.845**, and if you desaturate by 10%, it is **70, 14.248, 187.573**.

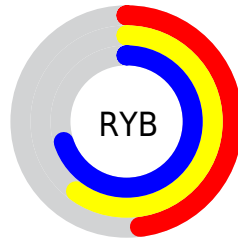
Distribution



Red (48%)

Green (70%)

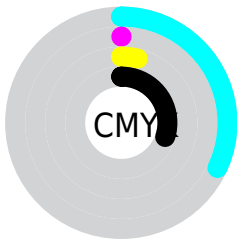
Blue (67%)



Red (48%)

Yellow (60%)

Blue (70%)

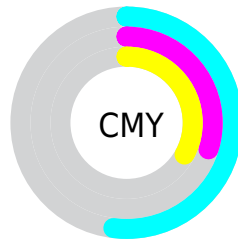


Cyan (32%)

Magenta (0%)

Yellow (4%)

Black (30%)



Cyan (52%)


Magenta (30%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 20.203, 186.725 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, 20.203, 186.725 by changing the saturation by 10% instead.

 69, 20.203,
186.725

 69, 20.203,
186.725


 100, 20.203,
186.725


 59, 20.203,
186.725

 89, 20.203,
186.725

 49, 20.203,
186.725

 99, 20.203,
186.725

 39, 20.203,
186.725

 29, 20.203,
186.725

 19, 20.203,
186.725

 9, 20.203, 186.725

 0, 20.203, 186.725

69, 20.203,
186.725

69, 20.203,
186.725

68, 25.652,
185.845

70, 14.248,
187.573

67, 30.483,
184.928

71, 7.895, 188.418

73, 1.250, 189.546

67, 34.604,
183.956

74, 5.593, 9.851

66, 37.949,
182.913

76, 12.555, 10.667

66, 40.493,
181.777

78, 19.570, 11.434

79, 26.586, 12.179

66, 42.268,
180.532

80, 29.646, 11.233

65, 43.314,
179.459

80, 29.749, 9.022

Harmonies

Complementary

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



69, 20.203, 186.725



57, 23.813, 12.693

Rectangle

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



69, 20.203, 186.725



69, 20.203, 236.725



69, 20.203, 6.725



69, 20.203, 56.725

Sweetspot

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



69, 20.204, 186.722



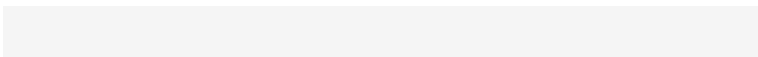
90, 8.254, 188.564



68, 36.544, 138.936



48, 5.663, 188.443



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, 20.204, 186.722



86, 29.108, 186.130



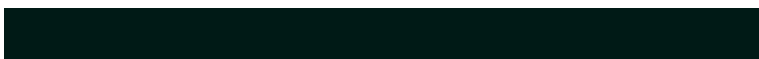
63, 16.534, 243.908



37, 3.782, 188.639



57, 38.516, 179.641



7, 9.494, 184.818

Inverse Universe

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



57, 23.813, 12.693



69, 35.685, 13.759



62, 19.423, 57.045



35, 3.956, 10.027



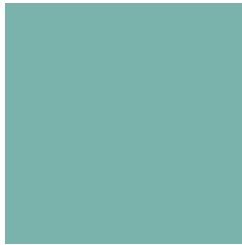
31, 66.234, 33.854



2, 9.259, 11.564

Previews

White Background



This preview shows how the CIE LCh color 69, 20.203, 186.725 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, 20.203, 186.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

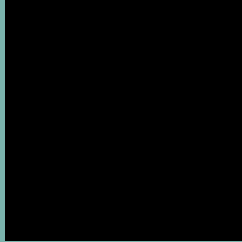
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.203, 186.725

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.203, 186.725.

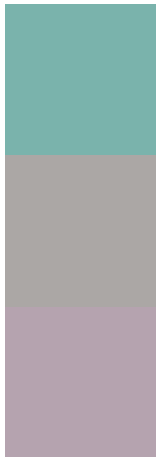


This preview shows how white text looks on a background with the CIELCh color 69, 20.203, 186.725.

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, 20.203, 186.725

Protanopia
69, 1.865, 55.192

Deuteranopia
69, 9.492, 336.326



Tritanopia
69, 18.010, 223.687

Trichromacy



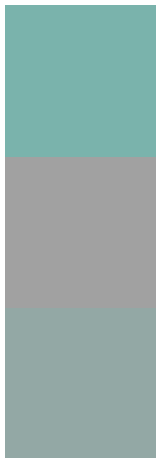
Original Color
69, 20.203, 186.725

Protanomaly
69, 6.886, 184.999

Deuteranomaly
69, 4.262, 239.510

Tritanomaly
69, 17.754, 208.828

Monochromacy



Original Color
69, 20.203, 186.725

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 7.959, 186.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.203, 186.725 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(122, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(122, 179, 172)  
}
```

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(122, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 179, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.203, 186.725 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(122, 179, 172) }
```

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

```
.border{ border-color:rgb(122, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(122, 179,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.203, 186.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 179, 172) }
```

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

```
.background{ background-color: rgb(122,  
179, 172) }
```

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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