

Converting Colors

CIELCh(69, 20.339, 172.687)

Have a look what the booklet for
CIELCh(69, 20.339, 172.687)
contains.

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Color

CIELCh(69, 20.466, 172.258)

Conversions

Conversions Part 1

Format	Color
Hex	80B3A3
RGB	128, 179, 163
RGB Percent	50%, 70%, 64%
CMY	0.4990, 0.2990, 0.3618
CMYK	0.29, 0.00, 0.09, 0.30
HSL	161°, 25%, 60%
HSV	161°, 29%, 70%
XYZ	31.5234, 39.3444, 40.4668
YIQ	161.9270, -25.2600, -15.7880

Conversions

Conversions Part 2

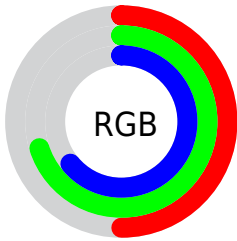
Format	Color
RYB	128, 158, 179
Decimal	8434595
CIELab	69.00, -20.28, 2.76
CIElCh	69, 20.466, 172.258
Yxy	39.3444, 0.2831, 0.3534
Android (android.graphics.Color)	4286624675 (0xFF80B3A3)
YUV	161.9270, 0.5290, -29.7540
Hunter-Lab	62.7251, -20.0613, 5.6569

Details

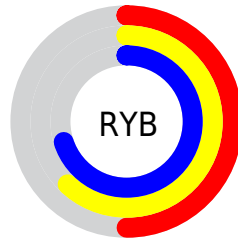
The CIELCh color $69, 20.466, 172.258$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 22.149, 358.067$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 20.470, 172.374$, and $49, 20.497, 171.731$ is the 20% darker color. If you saturate the color by 10%, you get $68, 27.134, 171.112$, and if you desaturate by 10%, it is $70, 13.468, 173.311$.

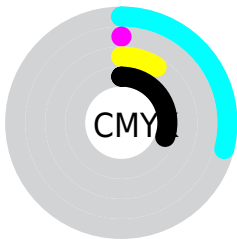
Distribution



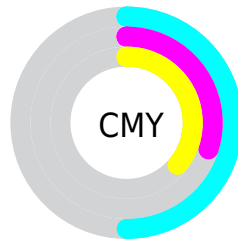
- Red (50%)
- Green (70%)
- Blue (64%)



- Red (50%)
- Yellow (62%)
- Blue (70%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)





- Cyan (50%)
- Magenta (30%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 20.466, 172.258 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, 20.466, 172.258 by changing the saturation by 10% instead.

 69, 20.466,
172.258


 69, 20.466,
172.258


 100, 20.466,
172.258


 59, 20.466,
172.258


 89, 20.466,
172.258

 49, 20.466,
172.258

 99, 20.466,
172.258

 39, 20.466,
172.258

 29, 20.466,
172.258

 19, 20.466,
172.258

 9, 20.466, 172.258

 0, 20.466, 172.258

■ 69, 20.466,
172.258

■ 69, 20.466,
172.258

■ 68, 27.134,
171.112

■ 70, 13.468,
173.311

■ 67, 33.347,
169.855

■ 72, 6.249, 174.313

■ 66, 38.990,
168.462

■ 73, 1.090, 354.745

■ 75, 8.465, 355.939

■ 66, 43.963,
166.908

■ 76, 15.810,
356.762

■ 65, 48.205,
165.171

■ 78, 23.077,
357.530

■ 65, 51.706,
163.236


■ 80, 30.228,
358.259

■ 65, 54.583,
161.142

■ 81, 31.963,
353.940

■ 65, 54.993,

160.842

 81, 33.213,
349.288

Harmonies

Complementary

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



69, 20.466, 172.258



59, 22.149, 358.067

Rectangle

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



69, 20.466, 172.258



69, 20.466, 222.258



69, 20.466, 352.258



69, 20.466, 42.258

Sweetspot

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



69, 20.467, 172.256



90, 8.151, 174.250



69, 30.920, 133.884



48, 5.705, 174.106



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, 20.467, 172.256



87, 29.842, 171.576



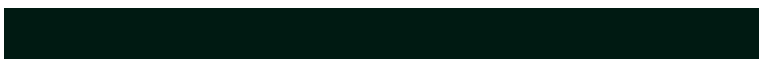
67, 15.026, 218.570



37, 4.144, 174.234



56, 48.802, 161.135



7, 10.783, 168.277

Inverse Universe

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



59, 22.149, 358.067



72, 32.871, 358.915



61, 18.272, 37.526



35, 4.250, 355.828



32, 59.257, 18.950



2, 9.748, 0.082

Previews

White Background



This preview shows how the CIELCh color 69, 20.466, 172.258 looks on a white background.

Color Contrast Check

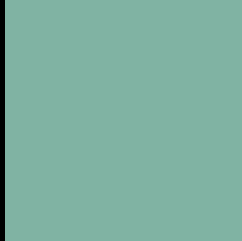
Large Text (above 18pt) WCAG AA × Fail

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, 20.466, 172.258 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, 20.466, 172.258

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.466, 172.258.

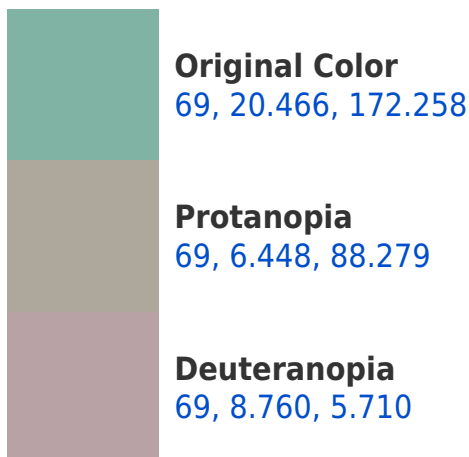


This preview shows how white text looks on a background with the CIELCh color 69, 20.466, 172.258.

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, 15.881, 227.565

Trichromacy



Original Color
69, 20.466, 172.258

Protanomaly
69, 8.951, 145.969

Deuteranomaly
68, 2.245, 152.315

Tritanomaly
69, 15.595, 204.286

Monochromacy



Original Color
69, 20.466, 172.258

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.546, 172.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.466, 172.258 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(128, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(128, 179, 163)  
}
```

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(128, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 179, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.466, 172.258 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(128, 179, 163) }
```

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

```
.border{ border-color:rgb(128, 179, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(128, 179,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.466, 172.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 179, 163) }
```

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

```
.background{ background-color: rgb(128,  
179, 163) }
```

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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