

Converting Colors

CIELCh(70, 10.571, 146.622)

Have a look what the booklet for
CIELCh(70, 10.571, 146.622)
contains.

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Color

CIELCh(70, 10.918, 145.509)

Conversions

Conversions Part 1

Format	Color
Hex	9FB0A0
RGB	159, 176, 160
RGB Percent	62%, 69%, 63%
CMY	0.3780, 0.3114, 0.3741
CMYK	0.10, 0.00, 0.09, 0.31
HSL	124°, 10%, 66%
HSV	124°, 10%, 69%
XYZ	35.9783, 40.7494, 39.0473
YIQ	169.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

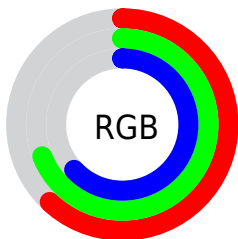
Format	Color
RYB	159, 175, 176
Decimal	10465440
CIELab	70.00, -9.00, 6.18
CIELCh	70, 10.918, 145.509
Yxy	40.7494, 0.3108, 0.3520
Android (android.graphics.Color)	4288655520 (0xFF9FB0A0)
YUV	169.0930, -4.4828, -8.8516
Hunter-Lab	63.8353, -11.1069, 8.4177

Details

The CIELCh color $70, 10.918, 145.509$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 10.939, 326.576$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 10.989, 145.532$, and $50, 10.946, 145.421$ is the 20% darker color. If you saturate the color by 10%, you get $68, 22.304, 144.803$, and if you desaturate by 10%, it is $72, 0.368, 325.407$.

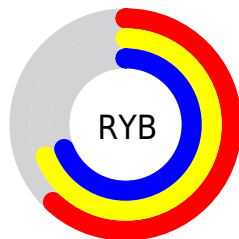
Distribution



Red (62%)

Green (69%)

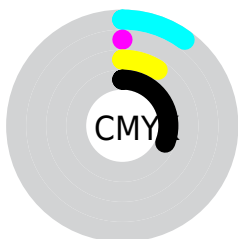
Blue (63%)



Red (62%)

Yellow (69%)

Blue (69%)

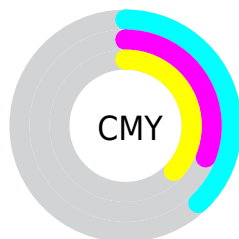


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.918, 145.509 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 70, 10.918, 145.509 by changing the saturation by 10% instead.


 70, 10.918,
145.509


 70, 10.918,
145.509


 100, 10.918,
145.509


 60, 10.918,
145.509


 90, 10.918,
145.509

 50, 10.918,
145.509

 40, 10.918,
145.509

 30, 10.918,
145.509

 20, 10.918,
145.509

 10, 10.918,
145.509

 0, 10.918, 145.509

70, 10.918,
145.509

70, 10.918,
145.509

68, 22.304,
144.803

72, 0.368, 325.407

67, 33.637,
143.989

74, 11.453,
326.561

66, 44.720,
143.049

76, 22.263,
327.001

65, 55.308,
141.981

78, 32.756,
327.373

64, 65.100,
140.801

80, 42.909,
327.690


63, 73.752,
139.557

81, 49.675,
326.140

63, 80.886,
138.337

63, 86.141,

137.264

 62, 89.365,
136.533

Harmonies

Complementary

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



70, 10.918, 145.509



67, 10.939, 326.576

Rectangle

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



70, 10.918, 145.509



70, 10.918, 195.509



70, 10.918, 325.509



70, 10.918, 15.509

Sweetspot

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



70, 10.920, 145.509



90, 4.181, 145.961



71, 9.235, 111.300



48, 3.170, 145.900



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 10.920, 145.509



89, 16.857, 145.339



70, 7.644, 165.658



36, 6.320, 145.534



54, 79.618, 136.623



6, 13.408, 145.754

Inverse Universe

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



67, 10.939, 326.576



84, 16.883, 326.722



67, 7.766, 347.222



34, 6.331, 326.553



35, 74.498, 330.680



2, 13.067, 326.833

Previews

White Background



This preview shows how the CIELCh color 70, 10.918, 145.509 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 70, 10.918, 145.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

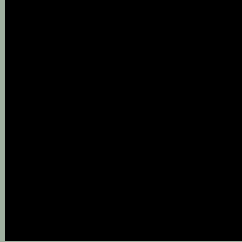
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 10.918, 145.509

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.918, 145.509.



This preview shows how white text looks on a background with the CIELCh color 70, 10.918, 145.509.

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](#).

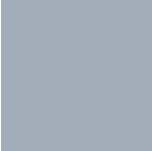
Dichromacy



Original Color
70, 10.918, 145.509

Protanopia
70, 7.589, 88.343

Deuteranopia
70, 10.306, 29.333



Tritanopia
70, 7.754, 266.221

Trichromacy



Original Color
70, 10.918, 145.509

Protanomaly
70, 7.678, 115.181

Deuteranomaly
70, 5.827, 67.989

Tritanomaly
70, 4.667, 219.816

Monochromacy



Original Color
70, 10.918, 145.509

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.571, 149.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.918, 145.509 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(159, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(159, 176, 160)  
}
```

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(159, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 176, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.918, 145.509 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(159, 176, 160) }
```

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

```
.border{ border-color:rgb(159, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(159, 176,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.918, 145.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 176, 160) }
```

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

```
.background{ background-color: rgb(159,  
176, 160) }
```

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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