

Converting Colors

CIELCh(69, 11.001, 195.891)

Have a look what the booklet for
CIELCh(69, 11.001, 195.891)
contains.

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Color

CIELCh(69, 10.825, 195.618)

Conversions

Conversions Part 1

Format	Color
Hex	90AEAD
RGB	144, 174, 173
RGB Percent	56%, 68%, 68%
CMY	0.4344, 0.3167, 0.3206
CMYK	0.17, 0.00, 0.01, 0.32
HSL	178°, 16%, 62%
HSV	178°, 17%, 68%
XYZ	34.2934, 39.3444, 45.4462
YIQ	164.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

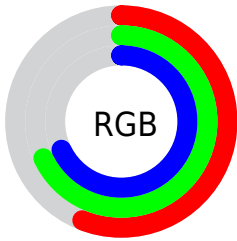
Format	Color
RYB	144, 159, 174
Decimal	9481901
CIELab	69.00, -10.43, -2.91
CIELCh	69, 10.825, 195.618
Yxy	39.3444, 0.2880, 0.3304
Android (android.graphics.Color)	4287671981 (0xFF90AEAD)
YUV	164.9160, 3.9854, -18.3433
Hunter-Lab	62.7251, -12.1786, 0.9502

Details

The CIELCh color **69, 10.825, 195.618** is a light color, and the websafe version is hex **669999**. A complement of this color would be **63, 12.005, 17.909**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 11.116, 193.301**, and **49, 10.978, 195.162** is the 20% darker color. If you saturate the color by 10%, you get **68, 16.593, 195.010**, and if you desaturate by 10%, it is **70, 4.653, 196.280**.

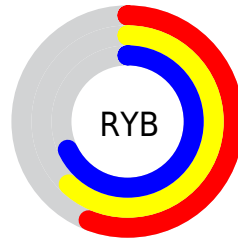
Distribution



Red (56%)

Green (68%)

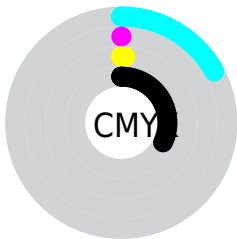
Blue (68%)



Red (56%)

Yellow (62%)

Blue (68%)

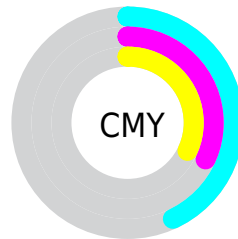


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (43%)

Magenta (32%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.825, 195.618 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, 10.825, 195.618 by changing the saturation by 10% instead.

 69, 10.825,
195.618


 69, 10.825,
195.618


 100, 10.825,
195.618


 59, 10.825,
195.618


 89, 10.825,
195.618

 49, 10.825,
195.618

 99, 10.825,
195.618

 39, 10.825,
195.618

 29, 10.825,
195.618

 19, 10.825,
195.618

 9, 10.825, 195.618

 0, 10.825, 195.618

69, 10.825,
195.618

69, 10.825,
195.618

68, 16.593,
195.010

70, 4.653, 196.280

67, 21.849,
194.445

72, 1.828, 16.530

73, 8.527, 17.385

66, 26.494,
193.909

75, 15.371, 18.062

66, 30.435,
193.402

76, 22.296, 18.729

65, 33.608,
192.919

78, 29.253, 19.392

65, 35.980,
192.453

79, 31.714, 19.273

79, 31.688, 18.723

64, 37.567,
191.994

79, 31.665, 18.171

64, 38.469,

191.533

■ 64, 38.675,
191.406

Harmonies

Complementary

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



69, 10.825, 195.618



63, 12.005, 17.909

Rectangle

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



69, 10.825, 195.618



69, 10.825, 245.618



69, 10.825, 15.618



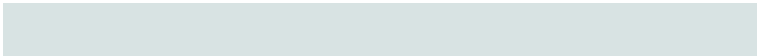
69, 10.825, 65.618

Sweetspot

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



69, 10.826, 195.611



89, 4.012, 196.456



68, 19.852, 142.116



48, 2.755, 196.395



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 10.826, 195.611



87, 16.170, 195.357



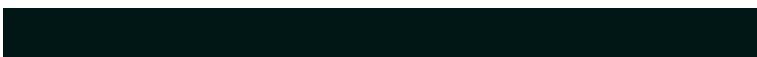
65, 9.419, 252.093



36, 3.616, 196.128



56, 34.700, 191.463



6, 7.828, 195.344

Inverse Universe

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



63, 12.005, 17.909



77, 18.422, 18.320



66, 9.981, 67.842



34, 3.818, 17.202



31, 68.767, 38.102



2, 7.812, 17.136

Previews

White Background



This preview shows how the CIELCh color 69, 10.825, 195.618 looks on a white background.

Color Contrast Check

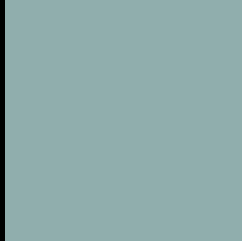
Large Text (above 18pt) WCAG AA × Fail

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, 10.825, 195.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

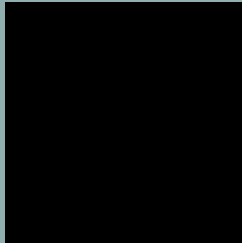
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 10.825, 195.618

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.825, 195.618.

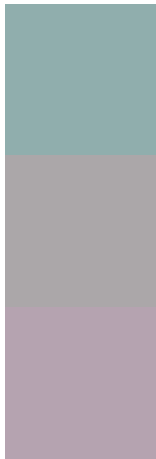


This preview shows how white text looks on a background with the CIELCh color 69, 10.825, 195.618.

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](#).

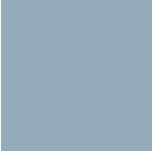
Dichromacy



Original Color
69, 10.825, 195.618

Protanopia
69, 1.883, 343.646

Deuteranopia
69, 9.876, 334.030



Tritanopia
69, 11.459, 241.229

Trichromacy



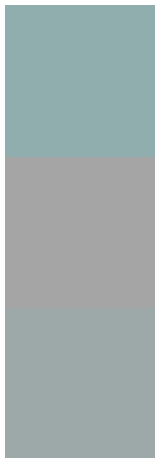
Original Color
69, 10.825, 195.618

Protanomaly
69, 3.375, 208.644

Deuteranomaly
69, 4.424, 295.444

Tritanomaly
69, 10.393, 223.849

Monochromacy



Original Color
69, 10.825, 195.618

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.089, 199.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.825, 195.618 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(144, 174, 173)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 173)  
}
```

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(144, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.825, 195.618 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(144, 174, 173) }
```

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

```
.border{ border-color:rgb(144, 174, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.825, 195.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 173) }
```

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

```
.background{ background-color: rgb(144,  
174, 173) }
```

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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