

Converting Colors

CIELCh(69, 15.528, 222.980)

Have a look what the booklet for
CIELCh(69, 15.528, 222.980)
contains.

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Color

CIELCh(69, 15.494, 223.725)

Conversions

Conversions Part 1

Format	Color
Hex	85AFBB
RGB	133, 175, 187
RGB Percent	52%, 69%, 73%
CMY	0.4776, 0.3129, 0.2658
CMYK	0.29, 0.06, 0.00, 0.27
HSL	193°, 28%, 63%
HSV	193°, 29%, 73%
XYZ	34.0708, 39.3444, 52.9340
YIQ	163.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

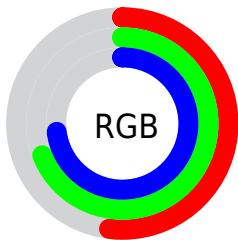
Format	Color
RYB	133, 157, 187
Decimal	8761275
CIELab	69.00, -11.20, -10.71
CIElCh	69, 15.494, 223.725
Yxy	39.3444, 0.2697, 0.3114
Android (android.graphics.Color)	4286951355 (0xFF85AFBB)
YUV	163.8100, 11.4327, -27.0204
Hunter-Lab	62.7251, -12.8119, -6.1275

Details

The CIELCh color $69, 15.494, 223.725$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $64, 18.789, 41.480$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 15.623, 222.270$, and $49, 15.661, 222.605$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.089, 224.698$, and if you desaturate by 10%, it is $71, 10.449, 223.003$.

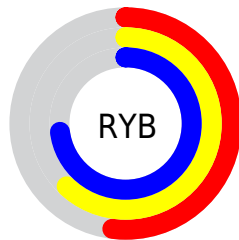
Distribution



Red (52%)

Green (69%)

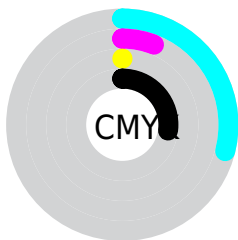
Blue (73%)



Red (52%)

Yellow (62%)

Blue (73%)

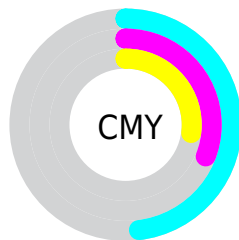


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (48%)


Magenta (31%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.494, 223.725 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, 15.494, 223.725 by changing the saturation by 10% instead.


 69, 15.494,
223.725


 69, 15.494,
223.725


 100, 15.494,
223.725


 59, 15.494,
223.725


 89, 15.494,
223.725

 49, 15.494,
223.725

 99, 15.494,
223.725

 39, 15.494,
223.725

 29, 15.494,
223.725

 19, 15.494,
223.725

 9, 15.494, 223.725

 0, 15.494, 223.725

69, 15.494,
223.725

69, 15.494,
223.725

67, 20.089,
224.698

71, 10.449,
223.003

65, 24.151,
225.998

74, 5.036, 222.522

76, 0.669, 41.278

63, 27.610,
227.692

79, 6.599, 41.708

61, 30.415,
229.868

82, 12.697, 41.583

59, 32.561,
232.610

84, 18.916, 41.506

86, 21.776, 44.718

58, 34.100,
235.992

87, 21.366, 51.481

56, 35.205,
239.959

88, 21.270, 58.399

56, 35.333,

240.420

Harmonies

Complementary

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



69, 15.494, 223.725



64, 18.789, 41.480

Rectangle

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



69, 15.494, 223.725



69, 15.494, 273.725



69, 15.494, 43.725



69, 15.494, 93.725

Sweetspot

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



69, 15.494, 223.720



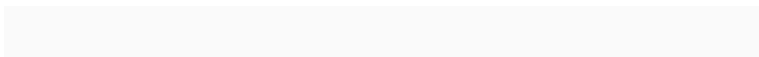
93, 6.313, 222.532



71, 30.765, 148.947



49, 4.406, 222.587



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 15.494, 223.720



85, 22.611, 224.345



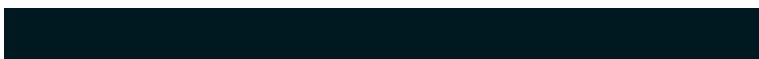
62, 22.176, 279.161



39, 3.243, 222.539



48, 31.113, 239.814



7, 9.467, 232.547

Inverse Universe

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



62, 30.805, 333.193



75, 45.942, 333.667



71, 21.950, 91.349



37, 6.055, 331.874



35, 68.242, 339.373



3, 17.253, 335.416

Previews

White Background



This preview shows how the CIELCh color 69, 15.494, 223.725 looks on a white background.

Color Contrast Check

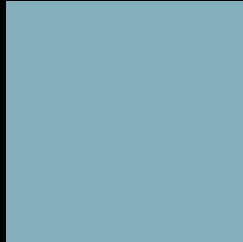
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 15.494, 223.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

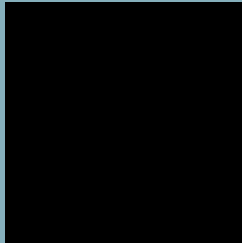
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

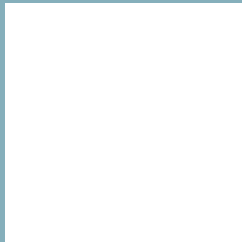
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 15.494, 223.725

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.494, 223.725.



This preview shows how white text looks on a background with the CIELCh color 69, 15.494, 223.725.

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, 15.494, 223.725

Protanopia

69, 8.248, 291.015

Deuteranopia

69, 14.811, 305.656



Tritanopia
69, 15.613, 228.132

Trichromacy



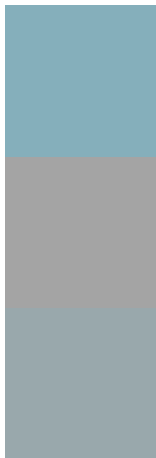
Original Color
69, 15.494, 223.725

Protanomaly
69, 9.247, 255.677

Deuteranomaly
69, 11.898, 275.837

Tritanomaly
69, 15.406, 226.211

Monochromacy



Original Color
69, 15.494, 223.725

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 5.869, 221.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.494, 223.725 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(133, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(133, 175, 187)  
}
```

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(133, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 175, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.494, 223.725 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(133, 175, 187) }
```

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

```
.border{ border-color:rgb(133, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(133, 175,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.494, 223.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 175, 187) }
```

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

```
.background{ background-color: rgb(133,  
175, 187) }
```

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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