

Converting Colors

CIELCh(70, 39.794, 154.326)

Have a look what the booklet for
CIELCh(70, 39.794, 154.326)
contains.

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Color

CIELCh(70, 39.765, 154.352)

Conversions

Conversions Part 1

Format	Color
Hex	6BBC8B
RGB	107, 188, 139
RGB Percent	42%, 74%, 55%
CMY	0.5819, 0.2643, 0.4564
CMYK	0.43, 0.00, 0.26, 0.26
HSL	144°, 38%, 58%
HSV	144°, 43%, 74%
XYZ	28.5464, 40.7494, 30.6422
YIQ	158.1950, -32.5470, -32.4110

Conversions

Conversions Part 2

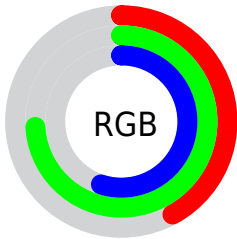
Format	Color
RYB	107, 165, 188
Decimal	7060619
CIELab	70.00, -35.85, 17.21
CIELCh	70, 39.765, 154.352
Yxy	40.7494, 0.2856, 0.4077
Android (android.graphics.Color)	4285250699 (0xFF6BBC8B)
YUV	158.1950, -9.4631, -44.8980
Hunter-Lab	63.8353, -31.8887, 16.2243

Details

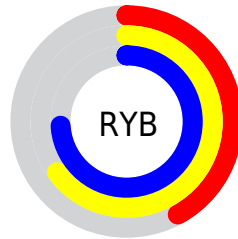
The CIELCh color **70, 39.765, 154.352** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **56, 40.777, 342.156**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 39.771, 154.418**, and **50, 39.513, 154.420** is the 20% darker color. If you saturate the color by 10%, you get **69, 48.245, 153.034**, and if you desaturate by 10%, it is **71, 30.844, 155.505**.

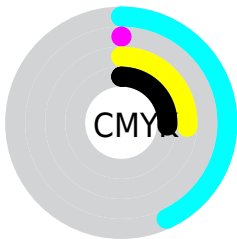
Distribution



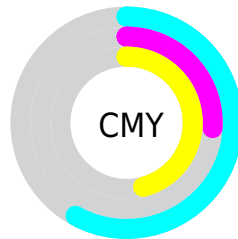
- Red (42%)
- Green (74%)
- Blue (55%)



- Red (42%)
- Yellow (65%)
- Blue (74%)



- Cyan (43%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)





- Cyan (58%)
- Magenta (26%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 39.765, 154.352 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, 39.765, 154.352 by changing the saturation by 10% instead.


 70, 39.765,
154.352


 70, 39.765,
154.352


 100, 39.765,
154.352


 60, 39.765,
154.352


 90, 39.765,
154.352

 50, 39.765,
154.352

 40, 39.765,
154.352

 30, 39.765,
154.352

 20, 39.765,
154.352

 10, 39.765,
154.352

 0, 39.765, 154.352

70, 39.765,
154.352

70, 39.765,
154.352

69, 48.245,
153.034

71, 30.844,
155.505

68, 56.119,
151.531

72, 21.640,
156.519

68, 63.244,
149.830

74, 12.300,
157.420

67, 69.516,
147.930

76, 2.947, 158.299

77, 6.323, 338.827

67, 74.897,
145.859

79, 15.435,
339.493

67, 78.159,
144.442

81, 24.340,
340.075

83, 32.562,
339.821

■ 84, 36.551,
332.667

Harmonies

Complementary

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



70, 39.765, 154.352



56, 40.777, 342.156

Rectangle

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



70, 39.765, 154.352



70, 39.765, 204.352



70, 39.765, 334.352



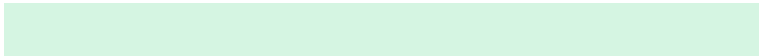
70, 39.765, 24.352

Sweetspot

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



70, 39.766, 154.352



94, 15.069, 157.417



72, 44.557, 122.698



50, 10.544, 157.225



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 39.766, 154.352



88, 58.601, 153.078



71, 27.246, 186.269



39, 5.311, 157.744



57, 68.402, 144.750



9, 17.752, 153.319

Inverse Universe

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



56, 40.777, 342.156



67, 60.012, 343.270



54, 34.470, 15.063



37, 5.353, 339.070



34, 61.399, 352.093



3, 14.916, 345.393

Previews

White Background



This preview shows how the CIELCh color 70, 39.765, 154.352 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, 39.765, 154.352 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, 39.765, 154.352

Background



This preview shows how black text looks on a background with the CIELCh color 70, 39.765, 154.352.

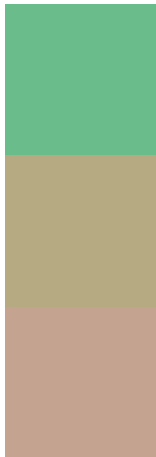


This preview shows how white text looks on a background with the CIELCh color 70, 39.765, 154.352.

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, 39.765, 154.352

Protanopia
70, 22.311, 95.105

Deuteranopia
70, 17.130, 59.489



Tritanopia
70, 20.735, 221.564

Trichromacy



Original Color
70, 39.765, 154.352



Protanomaly
69, 24.809, 127.545



Deuteranomaly
69, 17.351, 121.668



Tritanomaly
70, 23.705, 185.423

Monochromacy



Original Color
70, 39.765, 154.352



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 15.178, 157.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 39.765, 154.352 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(107, 188, 139)` looks like.

```
.text, #text, p{  
    color:rgb(107, 188, 139)  
}
```

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(107, 188, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 188, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 39.765, 154.352 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(107, 188, 139) }
```

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

```
.border{ border-color:rgb(107, 188, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 188, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 188, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 188, 139); box-shadow:4px 4px 4px 4px rgb(107, 188, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 39.765, 154.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 188, 139) }
```

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

```
.background{ background-color: rgb(107,  
188, 139) }
```

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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