

Converting Colors

CIELCh(69, 24.174, 194.480)

Have a look what the booklet for
CIELCh(69, 24.174, 194.480)
contains.

CIELCh(69, 24.303, 194.857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 24.303, 194.857)

Conversions

Conversions Part 1

Format	Color
Hex	6BB5B3
RGB	107, 181, 179
RGB Percent	42%, 71%, 70%
CMY	0.5810, 0.2908, 0.2987
CMYK	0.41, 0.00, 0.01, 0.29
HSL	178°, 33%, 56%
HSV	178°, 41%, 71%
XYZ	30.6541, 39.3444, 48.5397
YIQ	158.6460, -43.4620, -16.3100

Conversions

Conversions Part 2

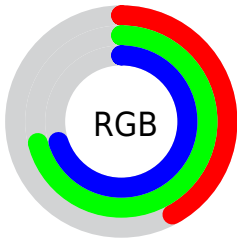
Format	Color
RYB	107, 145, 181
Decimal	7058867
CIELab	69.00, -23.49, -6.23
CIElCh	69, 24.303, 194.857
Yxy	39.3444, 0.2586, 0.3319
Android (android.graphics.Color)	4285248947 (0xFF6BB5B3)
YUV	158.6460, 10.0345, -45.2935
Hunter-Lab	62.7251, -22.5351, -1.9739

Details

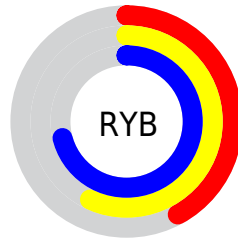
The CIELCh color **69, 24.303, 194.857** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **53, 31.918, 21.392**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.276, 195.347**, and **49, 24.376, 194.127** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.799, 194.363**, and if you desaturate by 10%, it is **70, 19.133, 195.382**.

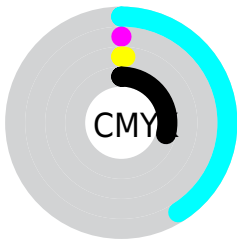
Distribution



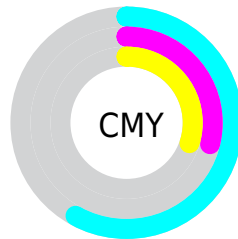
- Red (42%)
- Green (71%)
- Blue (70%)



- Red (42%)
- Yellow (57%)
- Blue (71%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.303, 194.857 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, 24.303, 194.857 by changing the saturation by 10% instead.

 69, 24.303,
194.857

 69, 24.303,
194.857

 100, 24.303,
194.857


 59, 24.303,
194.857


 89, 24.303,
194.857

 49, 24.303,
194.857

 99, 24.303,
194.857

 39, 24.303,
194.857

 29, 24.303,
194.857

 19, 24.303,
194.857

 9, 24.303, 194.857

 0, 24.303, 194.857

69, 24.303,
194.857

69, 24.303,
194.857

68, 28.799,
194.363

70, 19.133,
195.382

68, 32.536,
193.904

71, 13.391,
195.947

67, 35.458,
193.476

72, 7.184, 196.563

67, 37.553,
193.070

73, 0.618, 197.922

75, 6.212, 17.642

67, 38.859,
192.678

77, 13.223, 18.325

67, 39.539,
192.327

78, 20.343, 18.987

80, 27.518, 19.645

81, 28.887, 19.364

Harmonies

Complementary

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



69, 24.303, 194.857



53, 31.918, 21.392

Rectangle

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



69, 24.303, 194.857



69, 24.303, 244.857



69, 24.303, 14.857



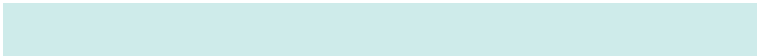
69, 24.303, 64.857

Sweetspot

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



69, 24.303, 194.855



91, 9.723, 196.479



68, 48.582, 140.628



48, 6.423, 196.398



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, 24.303, 194.855



86, 34.440, 194.415



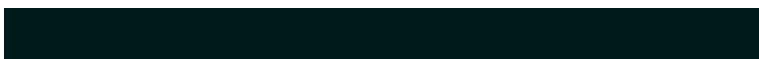
59, 22.775, 258.587



37, 3.700, 196.670



57, 34.942, 192.378



7, 9.173, 195.849

Inverse Universe

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



53, 31.918, 21.392



64, 48.421, 23.049



62, 26.222, 66.934



35, 3.910, 17.722



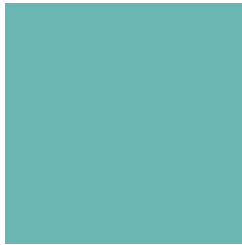
31, 69.924, 38.440



2, 9.164, 17.666

Previews

White Background



This preview shows how the CIELCh color 69, 24.303, 194.857 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, 24.303, 194.857 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

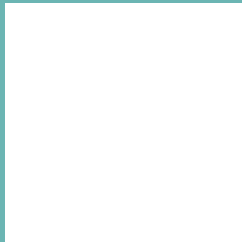
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 24.303, 194.857

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.303, 194.857.

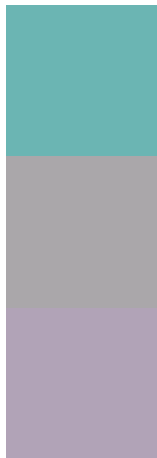


This preview shows how white text looks on a background with the CIELCh color 69, 24.303, 194.857.

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, 24.303, 194.857

Protanopia
69, 2.016, 324.424

Deuteranopia
69, 12.212, 316.173



Tritanopia
69, 22.610, 217.883

Trichromacy



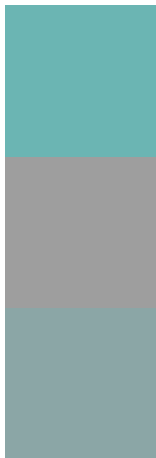
Original Color
69, 24.303, 194.857

Protanomaly
69, 9.044, 202.201

Deuteranomaly
68, 9.081, 245.896

Tritanomaly
69, 23.016, 208.774

Monochromacy



Original Color
69, 24.303, 194.857

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.807, 198.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.303, 194.857 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, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(107, 181, 179)  
}
```

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, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 181, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.303, 194.857 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, 181, 179) }
```

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

```
.border{ border-color:rgb(107, 181, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(107, 181,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.303, 194.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 181, 179) }
```

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

```
.background{ background-color: rgb(107,  
181, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor