

Converting Colors

CIELCh(69, 24.718, 187.080)

Have a look what the booklet for
CIELCh(69, 24.718, 187.080)
contains.

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Color

CIELCh(69, 24.640, 187.072)

Conversions

Conversions Part 1

Format	Color
Hex	6DB5AD
RGB	109, 181, 173
RGB Percent	43%, 71%, 68%
CMY	0.5723, 0.2900, 0.3213
CMYK	0.40, 0.00, 0.04, 0.29
HSL	173°, 33%, 57%
HSV	173°, 40%, 71%
XYZ	30.3968, 39.3444, 45.5551
YIQ	158.5600, -40.3440, -17.7520

Conversions

Conversions Part 2

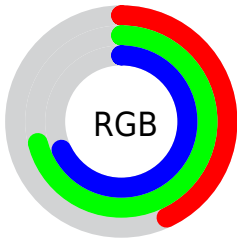
Format	Color
RYB	109, 147, 181
Decimal	7189933
CIELab	69.00, -24.45, -3.03
CIElCh	69, 24.640, 187.072
Yxy	39.3444, 0.2636, 0.3412
Android (android.graphics.Color)	4285380013 (0xFF6DB5AD)
YUV	158.5600, 7.1189, -43.4641
Hunter-Lab	62.7251, -23.2673, 0.8473

Details

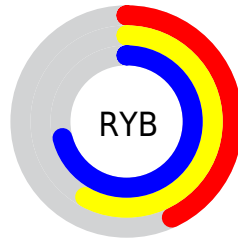
The CIELCh color **69, 24.640, 187.072** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 30.615, 14.849**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.591, 186.725**, and **49, 24.636, 187.172** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.593, 186.202**, and if you desaturate by 10%, it is **70, 19.079, 187.908**.

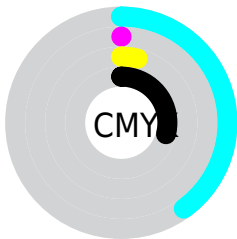
Distribution



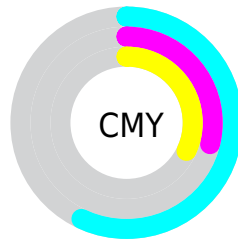
- Red (43%)
- Green (71%)
- Blue (68%)



- Red (43%)
- Yellow (58%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)




- Cyan (57%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 24.640, 187.072 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, 24.640, 187.072 by changing the saturation by 10% instead.

 69, 24.640,
187.072


 69, 24.640,
187.072


 100, 24.640,
187.072


 59, 24.640,
187.072


 89, 24.640,
187.072

 49, 24.640,
187.072

 99, 24.640,
187.072

 39, 24.640,
187.072

 29, 24.640,
187.072

 19, 24.640,
187.072

 9, 24.640, 187.072

 0, 24.640, 187.072

69, 24.640,
187.072

69, 24.640,
187.072

68, 29.593,
186.202

70, 19.079,
187.908

68, 33.839,
185.292

71, 13.018,
188.729

67, 37.305,
184.324

72, 6.570, 189.558

67, 39.960,
183.278

74, 0.162, 7.209

75, 7.085, 10.957

66, 41.824,
182.136

77, 14.120, 11.747

66, 43.075,
180.912

79, 21.205, 12.501

81, 28.289, 13.235

66, 43.103,
180.884

81, 28.767, 11.310

Harmonies

Complementary

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



69, 24.640, 187.072



54, 30.615, 14.849

Rectangle

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



69, 24.640, 187.072



69, 24.640, 237.072



69, 24.640, 7.072



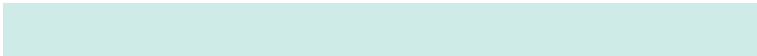
69, 24.640, 57.072

Sweetspot

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



69, 24.640, 187.070



91, 9.918, 189.352



68, 46.110, 138.771



48, 6.556, 189.246



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, 24.640, 187.070



86, 35.384, 186.288



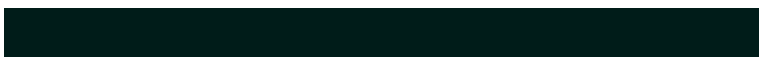
61, 20.658, 247.684



38, 3.857, 189.595



58, 38.474, 181.045



8, 10.979, 185.471

Inverse Universe

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



54, 30.615, 14.849



64, 46.479, 16.588



61, 25.149, 58.216



36, 4.040, 10.958



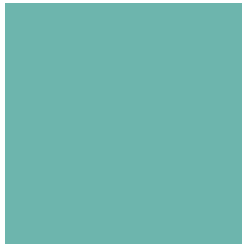
32, 67.594, 34.607



2, 10.729, 12.675

Previews

White Background



This preview shows how the CIELCh color 69, 24.640, 187.072 looks on a white background.

Color Contrast Check

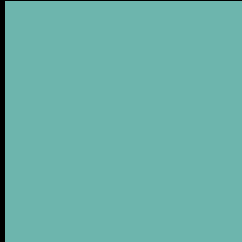
Large Text (above 18pt) WCAG AA × Fail

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, 24.640, 187.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

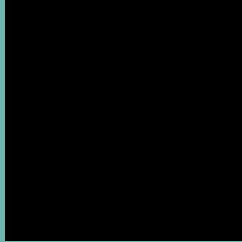
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.640, 187.072

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.640, 187.072.

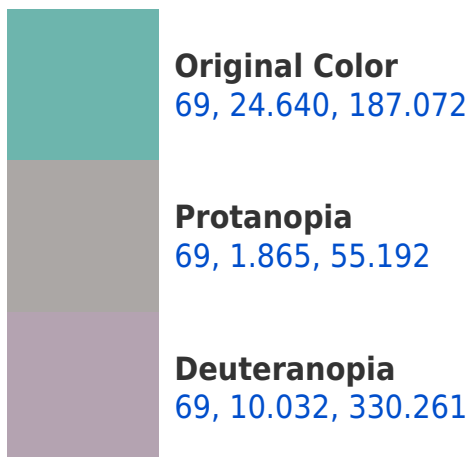


This preview shows how white text looks on a background with the CIELCh color 69, 24.640, 187.072.

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](#).

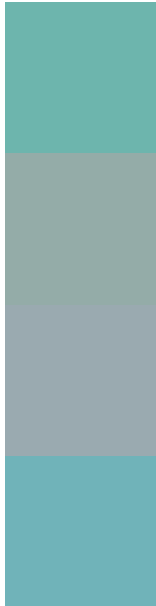
Dichromacy





Tritanopia
69, 21.620, 218.927

Trichromacy



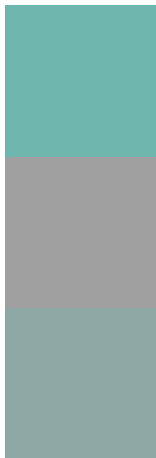
Original Color
69, 24.640, 187.072

Protanomaly
68, 9.121, 184.684

Deuteranomaly
69, 6.609, 229.071

Tritanomaly
69, 21.956, 206.429

Monochromacy



Original Color
69, 24.640, 187.072

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 9.708, 188.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.640, 187.072 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(109, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(109, 181, 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(109, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 181, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.640, 187.072 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(109, 181, 173) }
```

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

```
.border{ border-color:rgb(109, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 181, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 181, 173);  
box-shadow:4px 4px 4px 4px rgb(109, 181,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.640, 187.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 181, 173) }
```

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

```
.background{ background-color: rgb(109,  
181, 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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