

Converting Colors

CIELCh(70, 26.027, 204.338)

Have a look what the booklet for
CIELCh(70, 26.027, 204.338)
contains.

CIELCh(70, 26.015, 204.762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 26.015, 204.762)

Conversions

Conversions Part 1

Format	Color
Hex	65B8BE
RGB	101, 184, 190
RGB Percent	40%, 72%, 75%
CMY	0.6040, 0.2785, 0.2550
CMYK	0.47, 0.03, 0.00, 0.26
HSL	184°, 41%, 57%
HSV	184°, 47%, 74%
XYZ	31.7883, 40.7494, 54.8873
YIQ	159.8670, -51.3940, -15.7300

Conversions

Conversions Part 2

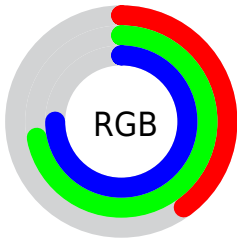
Format	Color
RYB	101, 144, 190
Decimal	6666430
CIELab	70.00, -23.62, -10.90
CIELCh	70, 26.015, 204.762
Yxy	40.7494, 0.2495, 0.3198
Android (android.graphics.Color)	4284856510 (0xFF65B8BE)
YUV	159.8670, 14.8556, -51.6264
Hunter-Lab	63.8353, -22.8235, -6.2945

Details

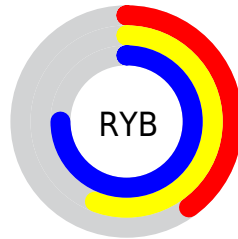
The CIELCh color **70, 26.015, 204.762** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 36.956, 28.986**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 26.031, 204.723**, and **50, 26.016, 204.745** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.804, 204.943**, and if you desaturate by 10%, it is **71, 21.484, 204.720**.

Distribution



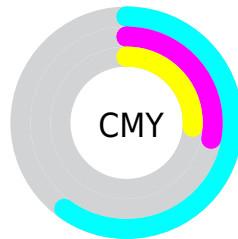
- Red (40%)
- Green (72%)
- Blue (75%)



- Red (40%)
- Yellow (56%)
- Blue (75%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)





- Cyan (60%)
- Magenta (28%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.015, 204.762 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, 26.015, 204.762 by changing the saturation by 10% instead.


 70, 26.015,
204.762


 70, 26.015,
204.762


 100, 26.015,
204.762


 60, 26.015,
204.762


 90, 26.015,
204.762

 50, 26.015,
204.762

 40, 26.015,
204.762

 30, 26.015,
204.762

 20, 26.015,
204.762

 10, 26.015,
204.762

 0, 26.015, 204.762

70, 26.015,
204.762

70, 26.015,
204.762

69, 29.804,
204.943

71, 21.484,
204.720

68, 32.778,
205.294

73, 16.304,
204.804

67, 34.903,
205.835

74, 10.582,
204.996

67, 36.192,
206.587

76, 4.421, 205.322

78, 2.081, 25.262

66, 36.739,
207.559

79, 8.837, 25.826

66, 36.846,
207.885

81, 15.773, 26.256

84, 22.827, 26.696

84, 23.238, 28.244

Harmonies

Complementary

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



70, 26.015, 204.762



54, 36.956, 28.986

Rectangle

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



70, 26.015, 204.762



70, 26.015, 254.762



70, 26.015, 24.762



70, 26.015, 74.762

Sweetspot

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



70, 26.015, 204.760



94, 10.980, 205.065



70, 55.529, 142.479



50, 7.593, 205.007



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 26.015, 204.760



88, 36.365, 204.945



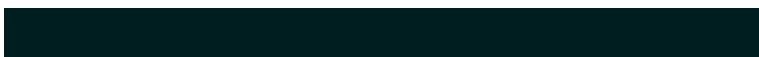
57, 30.450, 270.876



39, 3.616, 205.220



56, 32.196, 207.713



9, 10.656, 205.844

Inverse Universe

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



56, 55.254, 328.913



67, 79.832, 329.423



65, 32.919, 76.106



37, 6.751, 326.807



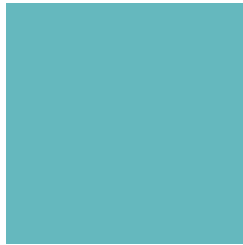
37, 76.734, 331.073



3, 20.114, 327.918

Previews

White Background



This preview shows how the CIE LCh color 70, 26.015, 204.762 looks on a white background.

Color Contrast Check

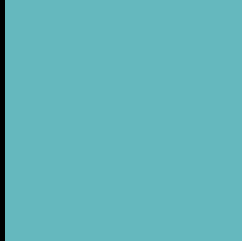
Large Text (above 18pt) WCAG AA × Fail

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, 26.015, 204.762 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

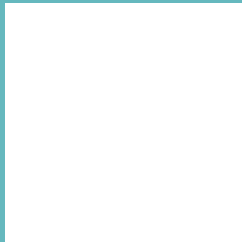
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 26.015, 204.762

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.015, 204.762.

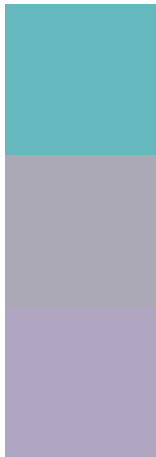


This preview shows how white text looks on a background with the CIELCh color 70, 26.015, 204.762.

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, 26.015, 204.762

Protanopia
70, 6.601, 294.027

Deuteranopia
70, 15.842, 304.725



Tritanopia
70, 25.532, 216.582

Trichromacy



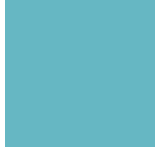
Original Color
70, 26.015, 204.762



Protanomaly
69, 11.395, 227.627



Deuteranomaly
70, 13.515, 253.539



Tritanomaly
70, 25.576, 212.602

Monochromacy



Original Color
70, 26.015, 204.762



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 10.780, 204.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.015, 204.762 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(101, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(101, 184, 190)  
}
```

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(101, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 184, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.015, 204.762 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(101, 184, 190) }
```

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

```
.border{ border-color:rgb(101, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(101, 184,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.015, 204.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 184, 190) }
```

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

```
.background{ background-color: rgb(101,  
184, 190) }
```

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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