

Converting Colors

CIELCh(70, 5.368, 264.617)

Have a look what the booklet for
CIELCh(70, 5.368, 264.617) contains.

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Color

CIELCh(70, 5.504, 263.084)

Conversions

Conversions Part 1

Format	Color
Hex	A5ACB5
RGB	165, 172, 181
RGB Percent	65%, 67%, 71%
CMY	0.3536, 0.3262, 0.2909
CMYK	0.09, 0.05, 0.00, 0.29
HSL	214°, 10%, 68%
HSV	214°, 9%, 71%
XYZ	38.5237, 40.7494, 49.4572
YIQ	170.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

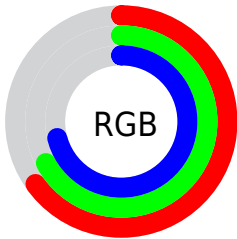
Format	Color
R_{YB}	165, 170, 181
Decimal	10857653
CIE Lab	70.00, -0.66, -5.46
CIE LCh	70, 5.504, 263.084
Yxy	40.7494, 0.2993, 0.3165
Android (android.graphics.Color)	4289047733 (0xFFA5ACB5)
YUV	170.9330, 4.9630, -5.2032
Hunter-Lab	63.8353, -3.9894, -1.2510

Details

The CIELCh color $70, 5.504, 263.084$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 5.567, 80.699$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 5.701, 265.338$, and $50, 5.349, 260.502$ is the 20% darker color. If you saturate the color by 10%, you get $66, 11.722, 264.566$, and if you desaturate by 10%, it is $74, 0.709, 81.292$.

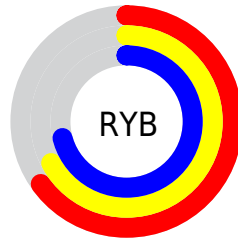
Distribution



Red (65%)

Green (67%)

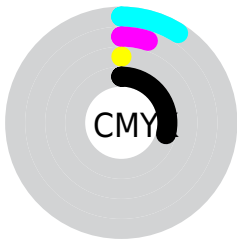
Blue (71%)



Red (65%)

Yellow (67%)

Blue (71%)

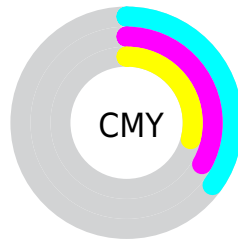


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.504, 263.084 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, 5.504, 263.084 by changing the saturation by 10% instead.

■ 70, 5.504, 263.084

■ 70, 5.504, 263.084

■ 100, 5.504,
263.084

■ 60, 5.504, 263.084

■ 90, 5.504, 263.084

■ 50, 5.504, 263.084

■ 40, 5.504, 263.084

■ 30, 5.504, 263.084

■ 20, 5.504, 263.084

■ 10, 5.504, 263.084

■ 0, 5.504, 263.084

■ 70, 5.504, 263.084

■ 70, 5.504, 263.084

■ 66, 11.722,

■ 74, 0.709, 81.292

264.566

78, 6.899, 80.546

62, 17.936,
266.352

82, 13.056, 79.597

58, 24.136,
268.461

86, 19.168, 78.759

54, 30.321,
270.943

90, 25.175, 78.209

50, 36.506,
273.841

95, 31.920, 99.301

46, 42.723,
277.175

98, 36.392,
106.281

43, 49.028,
280.919

98, 37.240,
107.338

39, 55.478,
284.974

36, 62.115,
289.088

Harmonies

Complementary

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



70, 5.504, 263.084



71, 5.567, 80.699

Rectangle

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



70, 5.504, 263.084



70, 5.504, 313.084



70, 5.504, 83.084



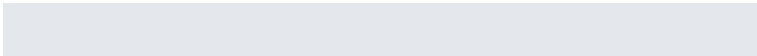
70, 5.504, 133.084

Sweetspot

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



70, 5.503, 263.068



91, 2.310, 262.389



72, 7.156, 165.735



48, 1.749, 262.461



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 5.503, 263.068



87, 8.455, 263.392



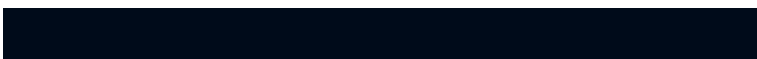
68, 8.826, 292.970



36, 3.486, 263.131



30, 54.843, 288.942



3, 9.290, 270.668

Inverse Universe

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



69, 7.204, 347.867



86, 11.106, 348.095



73, 8.645, 111.371



35, 4.567, 347.913



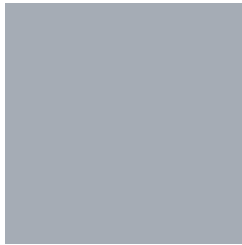
32, 57.660, 7.218



2, 10.263, 353.307

Previews

White Background



This preview shows how the CIELCh color 70, 5.504, 263.084 looks on a white background.

Color Contrast Check

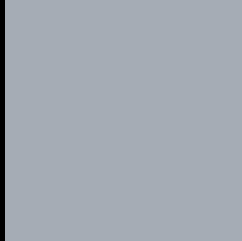
Large Text (above 18pt) WCAG AA × Fail

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, 5.504, 263.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

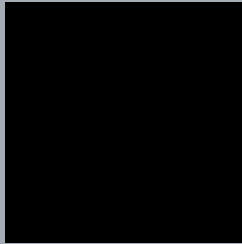
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

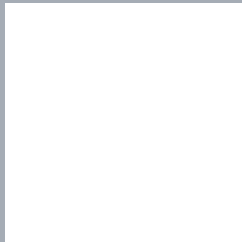
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.504, 263.084

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.504, 263.084.



This preview shows how white text looks on a background with the CIELCh color 70, 5.504, 263.084.

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, 5.504, 263.084

Protanopia

70, 5.501, 294.569

Deuteranopia

70, 10.643, 324.895



Tritanopia
70, 7.927, 275.110

Trichromacy



Original Color
70, 5.504, 263.084

Protanomaly
70, 4.974, 282.194

Deuteranomaly
70, 8.264, 311.829

Tritanomaly
70, 6.884, 272.431

Monochromacy



Original Color
70, 5.504, 263.084

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.307, 271.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.504, 263.084 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(165, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(165, 172, 181)  
}
```

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(165, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 172, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.504, 263.084 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(165, 172, 181) }
```

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

```
.border{ border-color:rgb(165, 172, 181) }
```

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

Here you see how a box with a 4 pixel rgb(165, 172, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(165, 172,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.504, 263.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 172, 181) }
```

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

```
.background{ background-color: rgb(165,  
172, 181) }
```

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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