

Converting Colors

CIELCh(70, 1.773, 324.674)

Have a look what the booklet for
CIELCh(70, 1.773, 324.674) contains.

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Color

CIELCh(70, 2.010, 324.420)

Conversions

Conversions Part 1

Format	Color
Hex	ADAAAD
RGB	173, 170, 173
RGB Percent	68%, 67%, 68%
CMY	0.3208, 0.3326, 0.3208
CMYK	0.00, 0.02, 0.00, 0.32
HSL	300°, 2%, 67%
HSV	300°, 2%, 68%
XYZ	39.2458, 40.7494, 45.4273
YIQ	171.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

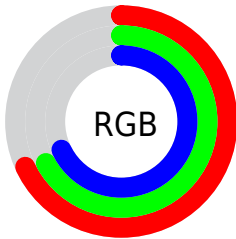
Format	Color
RYB	173, 170, 173
Decimal	11381421
CIELab	70.00, 1.63, -1.17
CIELCh	70, 2.010, 324.420
Yxy	40.7494, 0.3129, 0.3249
Android (android.graphics.Color)	4289571501 (0xFFADAAAD)
YUV	171.2390, 0.8682, 1.5444
Hunter-Lab	63.8353, -1.9703, 2.4919

Details

The CIELCh color `70, 2.010, 324.420` is a light color, and the websafe version is hex `999999`. A complement of this color would be `70, 1.993, 144.463`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 1.910, 324.366`, and `50, 2.144, 324.488` is the 20% darker color. If you saturate the color by 10%, you get `65, 13.661, 325.057`, and if you desaturate by 10%, it is `75, 9.450, 144.028`.

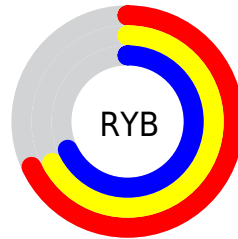
Distribution



Red (68%)

Green (67%)

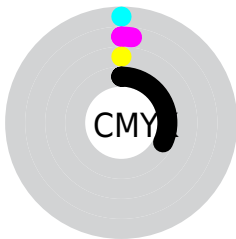
Blue (68%)



Red (68%)

Yellow (67%)

Blue (68%)

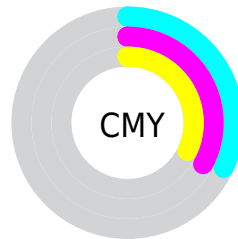


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 2.010, 324.420 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, 2.010, 324.420 by changing the saturation by 10% instead.

■ 70, 2.010, 324.420

■ 70, 2.010, 324.420

■ 100, 2.010,
324.420

■ 60, 2.010, 324.420

■ 90, 2.010, 324.420

■ 50, 2.010, 324.420

■ 40, 2.010, 324.420

■ 30, 2.010, 324.420

■ 20, 2.010, 324.420

■ 10, 2.010, 324.420

■ 0, 2.010, 324.420

■ 70, 2.010, 324.420

■ 70, 2.010, 324.420

■ 65, 13.661,

■ 75, 9.450, 144.028

325.057

79, 20.634,
143.499

61, 25.380,
325.603

84, 31.500,
143.001

57, 36.972,
326.131

89, 42.028,
142.529

53, 48.167,
326.629

93, 51.182,
142.128

50, 58.608,
327.083

93, 51.182,
142.128

47, 67.876,
327.475

93, 51.182,
142.128

44, 75.533,
327.792

93, 51.182,
142.128

43, 81.218,
328.022

93, 51.182,
142.128

42, 84.758,
328.164

Harmonies

Complementary

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



70, 2.010, 324.420



70, 1.993, 144.463

Rectangle

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



70, 2.010, 324.420



70, 2.010, 14.420



70, 2.010, 144.420



70, 2.010, 194.420

Sweetspot

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



70, 2.008, 324.419



89, 1.435, 324.301



70, 1.622, 289.716



47, 0.815, 324.286



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 2.008, 324.419



88, 2.863, 324.453



70, 1.425, 342.649



36, 1.314, 324.434



35, 77.962, 328.231



2, 13.856, 324.438

Inverse Universe

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



70, 1.133, 19.069



88, 1.618, 19.153



71, 1.411, 162.882



36, 0.742, 19.107



31, 69.981, 39.445



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIELCh color 70, 2.010, 324.420 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, 2.010, 324.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

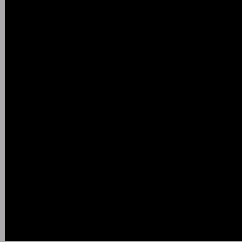
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

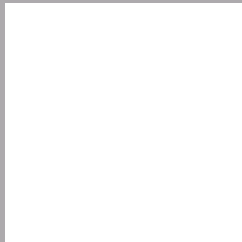
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 2.010, 324.420

Background



This preview shows how black text looks on a background with the CIELCh color 70, 2.010, 324.420.



This preview shows how white text looks on a background with the CIELCh color 70, 2.010, 324.420.

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, 2.010, 324.420

Protanopia

70, 2.010, 324.420

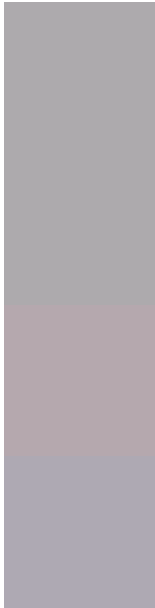
Deuteranopia

70, 8.779, 350.342



Tritanopia
70, 7.492, 308.026

Trichromacy



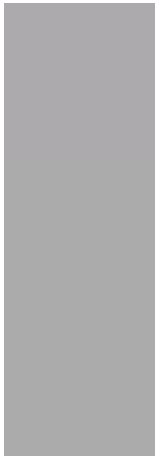
Original Color
70, 2.010, 324.420

Protanomaly
70, 2.010, 324.420

Deuteranomaly
70, 5.931, 346.319

Tritanomaly
70, 5.814, 309.292

Monochromacy



Original Color
70, 2.010, 324.420

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 0.675, 324.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 2.010, 324.420 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(173, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 170, 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(173, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 170, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 2.010, 324.420 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(173, 170, 173) }
```

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

```
.border{ border-color:rgb(173, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 170,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 2.010, 324.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 170, 173) }
```

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

```
.background{ background-color: rgb(173,  
170, 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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