

Converting Colors

CIELCh(70, 6.326, 37.209)

Have a look what the booklet for
CIELCh(70, 6.326, 37.209) contains.

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Color

CIELCh(70, 6.193, 40.384)

Conversions

Conversions Part 1

Format	Color
Hex	B7A8A4
RGB	183, 168, 164
RGB Percent	72%, 66%, 64%
CMY	0.2824, 0.3412, 0.3569
CMYK	0.00, 0.08, 0.10, 0.28
HSL	13°, 12%, 68%
HSV	13°, 10%, 72%
XYZ	40.2286, 40.7494, 40.8638
YIQ	172.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

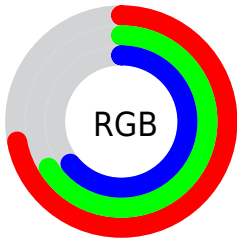
Format	Color
R _Y B	183, 169, 164
Decimal	12036260
CIE Lab	70.00, 4.72, 4.01
CIE LCh	70, 6.193, 40.384
Yxy	40.7494, 0.3302, 0.3344
Android (android.graphics.Color)	4290226340 (0xFFB7A8A4)
YUV	172.0290, -3.9583, 9.6216
Hunter-Lab	63.8353, 0.7780, 6.7306

Details

The CIELCh color **70, 6.193, 40.384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 5.810, 221.164**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.189, 39.216**, and **50, 6.286, 41.654** is the 20% darker color. If you saturate the color by 10%, you get **66, 12.662, 40.305**, and if you desaturate by 10%, it is **74, 0.218, 38.397**.

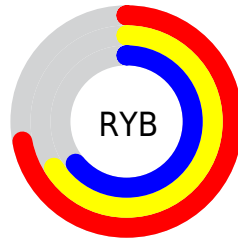
Distribution



Red (72%)

Green (66%)

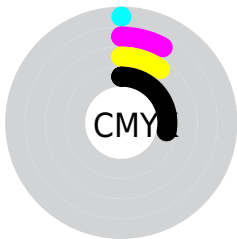
Blue (64%)



Red (72%)

Yellow (66%)

Blue (64%)

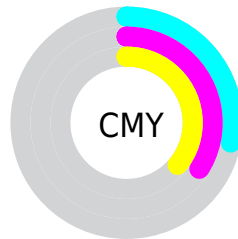


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.193, 40.384 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, 6.193, 40.384 by changing the saturation by 10% instead.

 70, 6.193, 40.384

 70, 6.193, 40.384

 100, 6.193, 40.384

 60, 6.193, 40.384

 90, 6.193, 40.384

 50, 6.193, 40.384

 40, 6.193, 40.384

 30, 6.193, 40.384

 20, 6.193, 40.384

 10, 6.193, 40.384

 0, 6.193, 40.384

 70, 6.193, 40.384

 70, 6.193, 40.384

 66, 12.662, 40.305

 74, 0.218, 38.397

62, 19.668, 40.302

79, 5.311, 221.116

58, 27.240, 40.448

83, 10.442,
221.421

54, 35.376, 40.783

87, 15.223,
221.791

51, 44.025, 41.332

47, 53.040, 42.085

92, 19.622,
221.465

45, 62.083, 42.941

95, 23.020,
198.436

42, 70.392, 43.570

40, 76.976, 43.859

95, 23.135,
197.991

Harmonies

Complementary

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



70, 6.193, 40.384



72, 5.810, 221.164

Rectangle

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



70, 6.193, 40.384



70, 6.193, 90.384



70, 6.193, 220.384



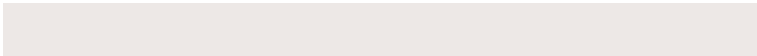
70, 6.193, 270.384

Sweetspot

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



70, 6.192, 40.404



92, 2.143, 40.362



69, 11.000, 331.141



49, 1.644, 40.403



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 6.192, 40.404



88, 8.900, 40.383



72, 7.520, 92.419



37, 3.373, 40.415



34, 67.893, 44.115



3, 9.278, 34.286

Inverse Universe

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



72, 5.810, 221.164



90, 8.251, 221.229



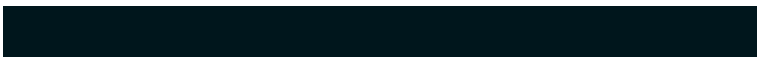
69, 7.543, 275.051



38, 3.187, 221.131



48, 30.504, 237.296



6, 8.523, 231.114

Previews

White Background



This preview shows how the CIELCh color 70, 6.193, 40.384 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 70, 6.193, 40.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

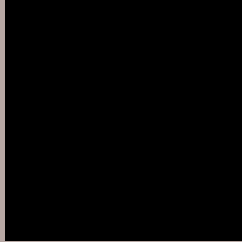
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 6.193, 40.384

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.193, 40.384.



This preview shows how white text looks on a background with the CIELCh color 70, 6.193, 40.384.

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, 6.193, 40.384

Protanopia

70, 3.552, 69.532

Deuteranopia

70, 9.707, 20.221



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color
70, 6.193, 40.384

Protanomaly
70, 4.408, 49.228

Deuteranomaly
70, 8.152, 23.884

Tritanomaly
70, 7.514, 349.465

Monochromacy



Original Color
70, 6.193, 40.384

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.178, 49.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.193, 40.384 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(183, 168, 164)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 164)  
}
```

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(183, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.193, 40.384 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(183, 168, 164) }
```

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

```
.border{ border-color:rgb(183, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 168, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 168, 164); box-shadow:4px 4px 4px 4px rgb(183, 168, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.193, 40.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 164) }
```

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

```
.background{ background-color: rgb(183,  
168, 164) }
```

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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