

Converting Colors

CIELCh(70, 9.353, 75.157)

Have a look what the booklet for
CIELCh(70, 9.353, 75.157) contains.

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Color

CIELCh(70, 9.195, 75.539)

Conversions

Conversions Part 1

Format	Color
Hex	B6A99B
RGB	182, 169, 155
RGB Percent	71%, 66%, 61%
CMY	0.2858, 0.3368, 0.3917
CMYK	0.00, 0.07, 0.15, 0.29
HSL	31°, 16%, 66%
HSV	31°, 15%, 71%
XYZ	39.4553, 40.7494, 36.8467
YIQ	171.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

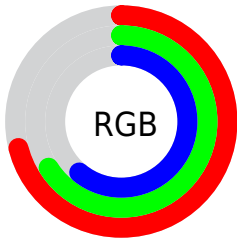
Format	Color
RYB	180, 182, 155
Decimal	11970971
CIELab	70.00, 2.30, 8.90
CIELCh	70, 9.195, 75.539
Yxy	40.7494, 0.3371, 0.3481
Android (android.graphics.Color)	4290161051 (0xFFB6A99B)
YUV	171.2910, -8.0315, 9.3918
Hunter-Lab	63.8353, -1.3844, 10.4616

Details

The CIELCh color $70, 9.195, 75.539$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.900, 259.468$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.334, 75.703$, and $50, 9.156, 75.199$ is the 20% darker color. If you saturate the color by 10%, you get $67, 15.737, 74.306$, and if you desaturate by 10%, it is $73, 2.927, 76.713$.

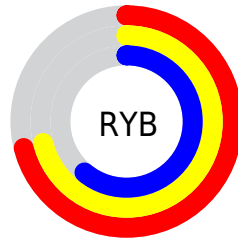
Distribution



Red (71%)

Green (66%)

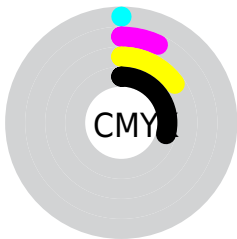
Blue (61%)



Red (71%)

Yellow (71%)

Blue (61%)

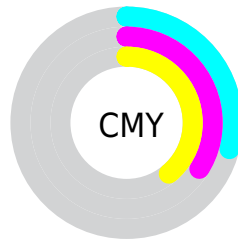


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.195, 75.539 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, 9.195, 75.539 by changing the saturation by 10% instead.

 70, 9.195, 75.539  70, 9.195, 75.539

 100, 9.195, 75.539  60, 9.195, 75.539

 90, 9.195, 75.539  50, 9.195, 75.539

 40, 9.195, 75.539

 30, 9.195, 75.539

 20, 9.195, 75.539

 10, 9.195, 75.539

 0, 9.195, 75.539

 70, 9.195, 75.539  70, 9.195, 75.539

 67, 15.737, 74.306  73, 2.927, 76.713

65, 22.564, 73.032

76, 3.088, 258.139

62, 29.669, 71.739

78, 8.874, 259.240

60, 37.003, 70.421

81, 14.456,
260.355

57, 44.444, 69.051

84, 19.854,
261.434

55, 51.723, 67.557

53, 58.320, 65.785

87, 21.130,
254.908

51, 63.413, 63.453

89, 19.671,
239.371

50, 65.712, 62.191

91, 19.753,
222.921

94, 21.308,
207.923

Harmonies

Complementary

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



70, 9.195, 75.539



68, 8.900, 259.468

Rectangle

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



70, 9.195, 75.539



70, 9.195, 125.539



70, 9.195, 255.539



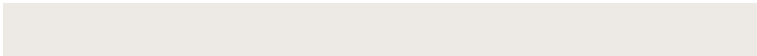
70, 9.195, 305.539

Sweetspot

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



70, 9.196, 75.553



92, 3.000, 76.785



67, 12.601, 345.808



49, 2.153, 76.714



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, 9.196, 75.553



88, 13.940, 75.124



73, 14.546, 109.457



37, 3.494, 76.213



43, 58.366, 62.685



5, 8.815, 63.288

Inverse Universe

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



68, 8.900, 259.468



85, 13.372, 260.010



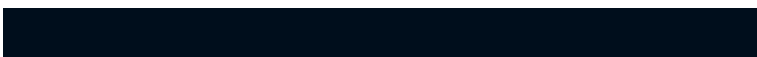
65, 15.042, 292.371



37, 3.430, 258.684



33, 51.120, 285.214



3, 10.391, 268.816

Previews

White Background



This preview shows how the CIELCh color 70, 9.195, 75.539 looks on a white background.

Color Contrast Check

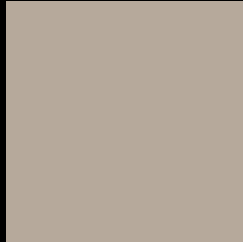
Large Text (above 18pt) WCAG AA × Fail

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, 9.195, 75.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

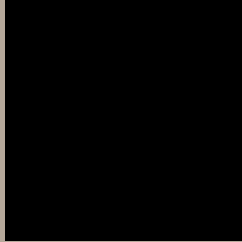
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

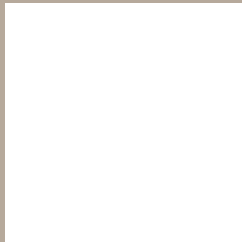
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.195, 75.539

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.195, 75.539.

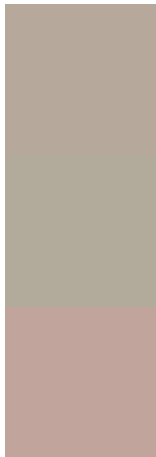


This preview shows how white text looks on a background with the CIELCh color 70, 9.195, 75.539.

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, 9.195, 75.539

Protanopia

70, 8.611, 90.784

Deuteranopia

70, 12.183, 43.882



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color
70, 9.195, 75.539

Protanomaly
70, 8.402, 84.564

Deuteranomaly
70, 10.634, 50.776

Tritanomaly
70, 6.708, 5.831

Monochromacy



Original Color
70, 9.195, 75.539

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.317, 74.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.195, 75.539 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(182, 169, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 169, 155)  
}
```

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(182, 169, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 169, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.195, 75.539 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(182, 169, 155) }
```

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

```
.border{ border-color:rgb(182, 169, 155) }
```

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

Here you see how a box with a 4 pixel rgb(182, 169, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 169, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 169, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 169,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.195, 75.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 169, 155) }
```

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

```
.background{ background-color: rgb(182,  
169, 155) }
```

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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