

Converting Colors

CIELCh(70, 9.412, 13.319)

Have a look what the booklet for
CIELCh(70, 9.412, 13.319) contains.

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Color

CIELCh(70, 9.725, 13.818)

Conversions

Conversions Part 1

Format	Color
Hex	BEA5A7
RGB	190, 165, 167
RGB Percent	75%, 65%, 65%
CMY	0.2541, 0.3522, 0.3443
CMYK	0.00, 0.13, 0.12, 0.25
HSL	355°, 16%, 70%
HSV	355°, 13%, 75%
XYZ	41.7672, 40.7494, 42.3166
YIQ	172.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

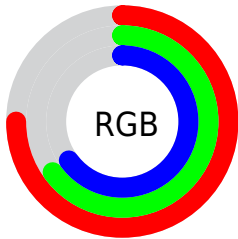
Format	Color
R_{YB}	190, 165, 167
Decimal	12494247
CIE _{Lab}	70.00, 9.44, 2.32
CIE _{LCh}	70, 9.725, 13.818
Yxy	40.7494, 0.3346, 0.3264
Android (android.graphics.Color)	4290684327 (0xFFBEA5A7)
YUV	172.7030, -2.8116, 15.1695
Hunter-Lab	63.8353, 5.0803, 5.3812

Details

The CIELCh color $70, 9.725, 13.818$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 9.059, 191.893$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.553, 13.831$, and $50, 9.627, 13.599$ is the 20% darker color. If you saturate the color by 10%, you get $65, 17.699, 14.895$, and if you desaturate by 10%, it is $75, 2.249, 12.801$.

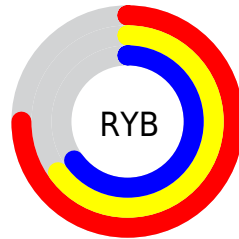
Distribution



Red (75%)

Green (65%)

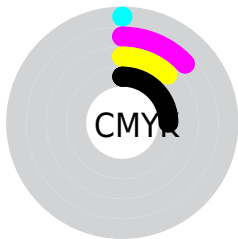
Blue (65%)



Red (75%)

Yellow (65%)

Blue (65%)

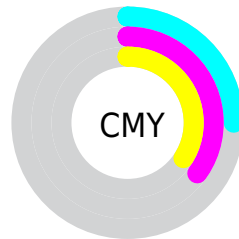


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.725, 13.818 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, 9.725, 13.818 by changing the saturation by 10% instead.

 70, 9.725, 13.818  70, 9.725, 13.818

 100, 9.725, 13.818  60, 9.725, 13.818

 90, 9.725, 13.818  50, 9.725, 13.818

 40, 9.725, 13.818


 30, 9.725, 13.818

 20, 9.725, 13.818

 10, 9.725, 13.818

 0, 9.725, 13.818

 70, 9.725, 13.818  70, 9.725, 13.818

 65, 17.699, 14.895  75, 2.249, 12.801

60, 26.144, 16.204

81, 4.730, 192.439

55, 34.967, 17.853

86, 11.245,
191.784

51, 43.997, 19.952

92, 17.336,
191.265

47, 52.984, 22.627

44, 61.625, 25.982

96, 21.059,
197.695

42, 69.617, 29.996

96, 21.042,
198.122

40, 76.581, 34.337

40, 80.555, 36.898

Harmonies

Complementary

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



70, 9.725, 13.818



75, 9.059, 191.893

Rectangle

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



70, 9.725, 13.818



70, 9.725, 63.818



70, 9.725, 193.818



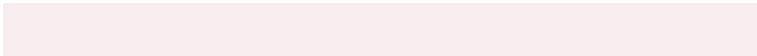
70, 9.725, 243.818

Sweetspot

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



70, 9.723, 13.828



95, 3.552, 12.925



70, 16.122, 322.812



50, 2.551, 13.014



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, 9.723, 13.828



87, 14.805, 14.140



73, 7.989, 64.464



37, 4.112, 13.463



32, 69.758, 36.309



3, 12.304, 14.811

Inverse Universe

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



70, 9.723, 13.828



87, 14.805, 14.140



72, 7.598, 247.514



37, 4.112, 13.463



32, 69.758, 36.309



3, 12.304, 14.811

Previews

White Background



This preview shows how the CIELCh color 70, 9.725, 13.818 looks on a white background.

Color Contrast Check

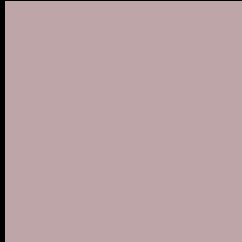
Large Text (above 18pt) WCAG AA × Fail

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, 9.725, 13.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

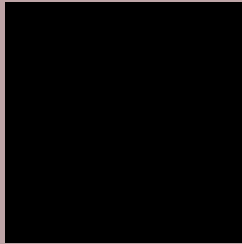
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 9.725, 13.818

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.725, 13.818.



This preview shows how white text looks on a background with the CIELCh color 70, 9.725, 13.818.

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, 9.725, 13.818

Protanopia

70, 1.514, 19.213

Deuteranopia

70, 8.902, 16.648



Tritanopia
70, 12.464, 345.851

Trichromacy



Original Color
70, 9.725, 13.818

Protanomaly
70, 4.615, 12.922

Deuteranomaly
70, 8.902, 16.648

Tritanomaly
70, 11.427, 355.015

Monochromacy



Original Color
70, 9.725, 13.818

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.464, 10.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.725, 13.818 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(190, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 165, 167)  
}
```

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(190, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 165, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.725, 13.818 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(190, 165, 167) }
```

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

```
.border{ border-color:rgb(190, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(190, 165,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.725, 13.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 165, 167) }
```

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

```
.background{ background-color: rgb(190,  
165, 167) }
```

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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