

Converting Colors

CIELCh(70, 12.299, 39.913)

Have a look what the booklet for
CIELCh(70, 12.299, 39.913) contains.

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Color

CIELCh(70, 12.325, 40.911)

Conversions

Conversions Part 1

Format	Color
Hex	C2A59D
RGB	194, 165, 157
RGB Percent	76%, 65%, 62%
CMY	0.2397, 0.3534, 0.3848
CMYK	0.00, 0.15, 0.19, 0.24
HSL	13°, 23%, 69%
HSV	13°, 19%, 76%
XYZ	41.7247, 40.7494, 37.5107
YIQ	172.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

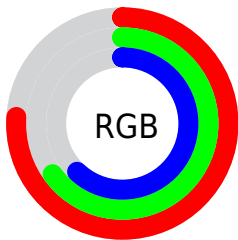
Format	Color
RYB	194, 167, 157
Decimal	12756381
CIELab	70.00, 9.31, 8.07
CIElCh	70, 12.325, 40.911
Yxy	40.7494, 0.3477, 0.3396
Android (android.graphics.Color)	4290946461 (0xFFC2A59D)
YUV	172.7590, -7.7692, 18.6284
Hunter-Lab	63.8353, 4.9613, 9.8449

Details

The CIELCh color $70, 12.325, 40.911$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 10.901, 222.268$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 12.284, 39.734$, and $50, 12.327, 39.783$ is the 20% darker color. If you saturate the color by 10%, you get $66, 19.574, 40.872$, and if you desaturate by 10%, it is $74, 5.631, 41.054$.

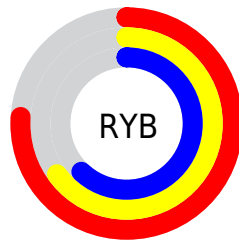
Distribution



Red (76%)

Green (65%)

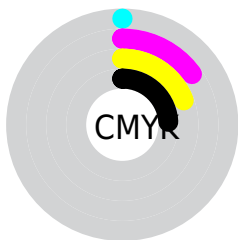
Blue (62%)



Red (76%)

Yellow (65%)

Blue (62%)

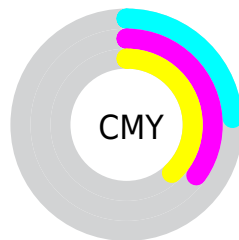


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 12.325, 40.911 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, 12.325, 40.911 by changing the saturation by 10% instead.

 70, 12.325, 40.911

 70, 12.325, 40.911

 100, 12.325,
40.911

 60, 12.325, 40.911

 90, 12.325, 40.911

 50, 12.325, 40.911

 40, 12.325, 40.911

 30, 12.325, 40.911

 20, 12.325, 40.911

 10, 12.325, 40.911

 0, 12.325, 40.911

 70, 12.325, 40.911

 70, 12.325, 40.911

 66, 19.574, 40.872

 74, 5.631, 41.054

62, 27.415, 40.964

79, 0.550, 222.374

58, 35.850, 41.236

83, 6.272, 221.837

54, 44.836, 41.716

88, 11.585,
222.180

51, 54.232, 42.399

92, 16.539,
222.578

48, 63.712, 43.193

45, 72.535, 43.800

96, 19.951,
198.190

43, 79.627, 43.877

43, 80.271, 43.940

Harmonies

Complementary

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



70, 12.325, 40.911



74, 10.901, 222.268

Rectangle

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



70, 12.325, 40.911



70, 12.325, 90.911



70, 12.325, 220.911



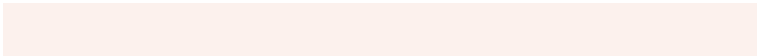
70, 12.325, 270.911

Sweetspot

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



70, 12.324, 40.922



96, 4.554, 41.079



69, 21.279, 331.713



51, 3.054, 41.076



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 12.324, 40.922



87, 18.734, 40.886



75, 14.601, 91.336



39, 3.518, 41.050



35, 69.471, 44.287



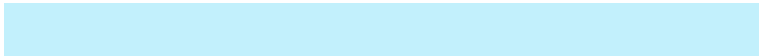
4, 12.316, 32.981

Inverse Universe

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



74, 10.901, 222.268



92, 16.069, 222.535



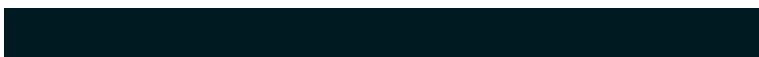
69, 14.647, 276.334



40, 3.324, 221.819



49, 31.358, 238.620



8, 10.349, 230.432

Previews

White Background



This preview shows how the CIELCh color 70, 12.325, 40.911 looks on a white background.

Color Contrast Check

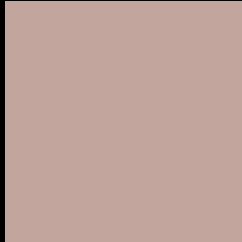
Large Text (above 18pt) WCAG AA × Fail

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, 12.325, 40.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

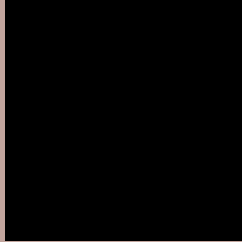
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 12.325, 40.911

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.325, 40.911.



This preview shows how white text looks on a background with the CIELCh color 70, 12.325, 40.911.

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, 12.325, 40.911

Protanopia

70, 6.419, 88.305

Deuteranopia

70, 11.945, 41.571



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 12.325, 40.911

Protanomaly
70, 7.723, 64.470

Deuteranomaly
70, 11.945, 41.571

Tritanomaly
70, 12.675, 8.171

Monochromacy



Original Color
70, 12.325, 40.911

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 4.515, 40.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.325, 40.911 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(194, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 157)  
}
```

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(194, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.325, 40.911 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(194, 165, 157) }
```

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

```
.border{ border-color:rgb(194, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.325, 40.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 157) }
```

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

```
.background{ background-color: rgb(194,  
165, 157) }
```

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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