

Converting Colors

CIELCh(70, 12.110, 24.775)

Have a look what the booklet for
CIELCh(70, 12.110, 24.775) contains.

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Color

CIELCh(70, 12.217, 25.531)

Conversions

Conversions Part 1

Format	Color
Hex	C3A4A2
RGB	195, 164, 162
RGB Percent	76%, 64%, 64%
CMY	0.2354, 0.3569, 0.3648
CMYK	0.00, 0.16, 0.17, 0.24
HSL	4°, 22%, 70%
HSV	4°, 17%, 76%
XYZ	42.2904, 40.7494, 39.8082
YIQ	173.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

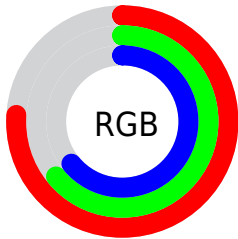
Format	Color
RYB	195, 164, 162
Decimal	12821666
CIELab	70.00, 11.02, 5.27
CIELCh	70, 12.217, 25.531
Yxy	40.7494, 0.3442, 0.3317
Android (android.graphics.Color)	4291011746 (0xFFC3A4A2)
YUV	173.0410, -5.4432, 19.2580
Hunter-Lab	63.8353, 6.5432, 7.7110

Details

The CIELCh color **70, 12.217, 25.531** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 10.922, 204.317**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.246, 25.052**, and **50, 12.365, 26.170** is the 20% darker color. If you saturate the color by 10%, you get **65, 20.233, 26.270**, and if you desaturate by 10%, it is **75, 4.799, 24.950**.

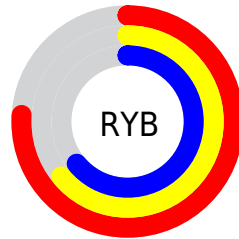
Distribution



Red (76%)

Green (64%)

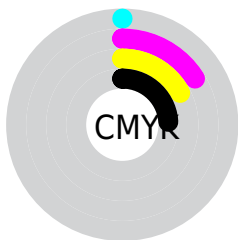
Blue (64%)



Red (76%)

Yellow (64%)

Blue (64%)

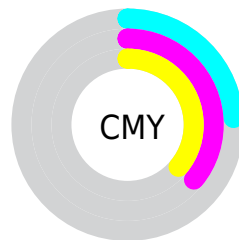


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 12.217, 25.531 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, 12.217, 25.531 by changing the saturation by 10% instead.

 70, 12.217, 25.531

 70, 12.217, 25.531

 100, 12.217,
25.531

 60, 12.217, 25.531

 90, 12.217, 25.531

 50, 12.217, 25.531

 40, 12.217, 25.531

 30, 12.217, 25.531

 20, 12.217, 25.531

 10, 12.217, 25.531

 0, 12.217, 25.531

 70, 12.217, 25.531

 70, 12.217, 25.531

 65, 20.233, 26.270

 75, 4.799, 24.950

60, 28.854, 27.241

80, 2.048, 204.951

56, 38.028, 28.533

86, 8.373, 204.479

51, 47.638, 30.227

91, 14.230,
204.263

48, 57.467, 32.384

96, 19.621,
198.211

45, 67.165, 34.974

43, 76.065, 37.707

41, 82.825, 39.847

41, 84.623, 40.602

Harmonies

Complementary

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



70, 12.217, 25.531



76, 10.922, 204.317

Rectangle

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



70, 12.217, 25.531



70, 12.217, 75.531



70, 12.217, 205.531



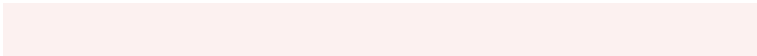
70, 12.217, 255.531

Sweetspot

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



70, 12.216, 25.541



96, 4.243, 24.828



70, 21.026, 326.741



51, 2.927, 24.878



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, 12.216, 25.541



86, 18.050, 25.766



74, 11.392, 78.470



38, 3.949, 25.093



33, 72.903, 40.552



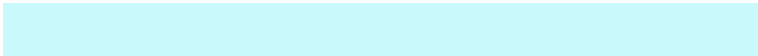
3, 13.455, 22.862

Inverse Universe

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



76, 10.922, 204.317



95, 15.749, 204.230



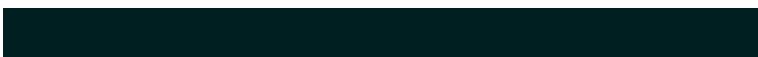
72, 11.055, 263.047



40, 3.719, 204.563



57, 32.809, 206.507



10, 11.625, 204.131

Previews

White Background



This preview shows how the CIELCh color 70, 12.217, 25.531 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, 12.217, 25.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

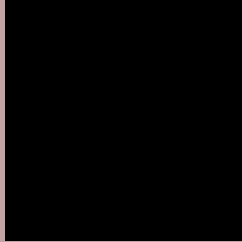
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 12.217, 25.531

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.217, 25.531.



This preview shows how white text looks on a background with the CIELCh color 70, 12.217, 25.531.

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, 12.217, 25.531

Protanopia

70, 3.313, 74.640

Deuteranopia

70, 10.306, 29.333



Tritanopia
70, 15.116, 352.898

Trichromacy



Original Color
70, 12.217, 25.531

Protanomaly
70, 6.010, 35.571

Deuteranomaly
70, 10.702, 29.027

Tritanomaly
70, 13.278, 3.966

Monochromacy



Original Color
70, 12.217, 25.531

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 4.232, 27.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.217, 25.531 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(195, 164, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 162)  
}
```

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(195, 164, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.217, 25.531 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(195, 164, 162) }
```

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

```
.border{ border-color:rgb(195, 164, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 164, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 164, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 164,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.217, 25.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 162) }
```

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

```
.background{ background-color: rgb(195,  
164, 162) }
```

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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