

Converting Colors

CIELCh(70, 11.208, 24.310)

Have a look what the booklet for
CIELCh(70, 11.208, 24.310) contains.

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Color

CIELCh(70, 11.004, 25.978)

Conversions

Conversions Part 1

Format	Color
Hex	C1A5A3
RGB	193, 165, 163
RGB Percent	76%, 65%, 64%
CMY	0.2442, 0.3540, 0.3618
CMYK	0.00, 0.15, 0.16, 0.24
HSL	4°, 19%, 70%
HSV	4°, 16%, 76%
XYZ	41.9153, 40.7494, 40.1814
YIQ	173.1440, 17.3300, 5.3140

Conversions

Conversions Part 2

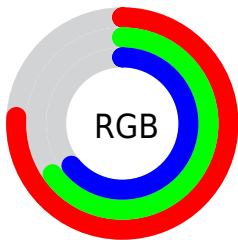
Format	Color
RYB	193, 165, 163
Decimal	12690851
CIELab	70.00, 9.89, 4.82
CIELCh	70, 11.004, 25.978
Yxy	40.7494, 0.3412, 0.3317
Android (android.graphics.Color)	4290880931 (0xFFC1A5A3)
YUV	173.1440, -5.0010, 17.4137
Hunter-Lab	63.8353, 5.4943, 7.3644

Details

The CIELCh color **70, 11.004, 25.978** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 9.932, 204.966**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 11.108, 25.460**, and **50, 11.046, 26.647** is the 20% darker color. If you saturate the color by 10%, you get **65, 18.821, 26.663**, and if you desaturate by 10%, it is **75, 3.775, 25.420**.

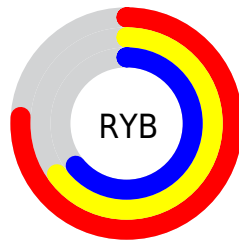
Distribution



Red (76%)

Green (65%)

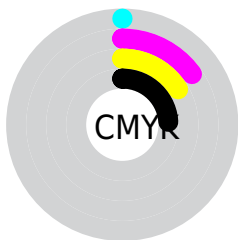
Blue (64%)



Red (76%)

Yellow (65%)

Blue (64%)

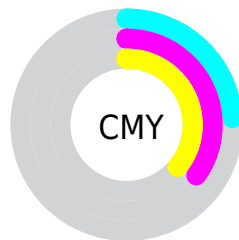


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 11.004, 25.978 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, 11.004, 25.978 by changing the saturation by 10% instead.

70, 11.004, 25.978

70, 11.004, 25.978

100, 11.004,
25.978

60, 11.004, 25.978

90, 11.004, 25.978

50, 11.004, 25.978

40, 11.004, 25.978

30, 11.004, 25.978

20, 11.004, 25.978

10, 11.004, 25.978

0, 11.004, 25.978

70, 11.004, 25.978

70, 11.004, 25.978

65, 18.821, 26.663

75, 3.775, 25.420

60, 27.240, 27.564

80, 2.896, 205.410

56, 36.222, 28.767

86, 9.060, 205.046

52, 45.666, 30.352

91, 14.772,
204.862

48, 55.381, 32.384

96, 20.180,
198.669

45, 65.045, 34.848

42, 74.068, 37.513

96, 20.294,
198.169

41, 81.177, 39.669

41, 83.790, 40.679

Harmonies

Complementary

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



70, 11.004, 25.978



75, 9.932, 204.966

Rectangle

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



70, 11.004, 25.978



70, 11.004, 75.978



70, 11.004, 205.978



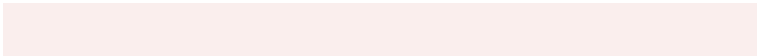
70, 11.004, 255.978

Sweetspot

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



70, 11.003, 25.988



95, 4.184, 25.387



70, 18.923, 327.147



50, 2.862, 25.434



99, 0.012, 296.813



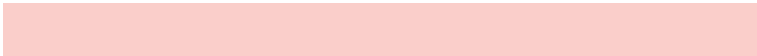
52, 0.007, 296.813

Same Dimension

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



70, 11.003, 25.988



86, 16.845, 26.220



74, 10.480, 80.280



38, 3.927, 25.642



34, 72.821, 40.635



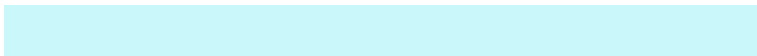
3, 13.403, 23.222

Inverse Universe

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



75, 9.932, 204.966



94, 14.804, 204.875



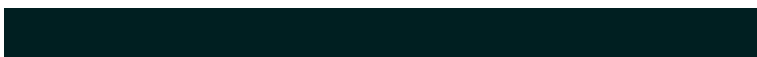
71, 10.238, 264.477



40, 3.698, 205.157



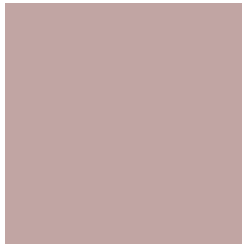
56, 32.595, 207.614



10, 11.549, 204.979

Previews

White Background



This preview shows how the CIELCh color 70, 11.004, 25.978 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 CIE LCh color 70, 11.004, 25.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

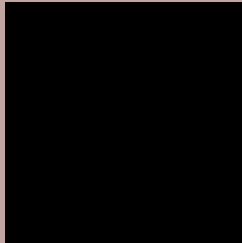
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 11.004, 25.978

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.004, 25.978.



This preview shows how white text looks on a background with the CIELCh color 70, 11.004, 25.978.

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, 11.004, 25.978

Protanopia

70, 2.885, 68.475

Deuteranopia

70, 10.209, 26.352



Tritanopia
70, 13.508, 351.697

Trichromacy



Original Color
70, 11.004, 25.978

Protanomaly
70, 5.261, 37.827

Deuteranomaly
70, 10.607, 26.157

Tritanomaly
70, 12.143, 2.231

Monochromacy



Original Color
70, 11.004, 25.978

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.849, 27.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.004, 25.978 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(193, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 163)  
}
```

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(193, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.004, 25.978 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(193, 165, 163) }
```

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

```
.border{ border-color:rgb(193, 165, 163) }
```

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

Here you see how a box with a 4 pixel rgb(193, 165, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.004, 25.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 163) }
```

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

```
.background{ background-color: rgb(193,  
165, 163) }
```

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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