

Converting Colors

CIELCh(69, 6.786, 104.514)

Have a look what the booklet for
CIELCh(69, 6.786, 104.514) contains.

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Color

CIELCh(69, 6.568, 106.117)

Conversions

Conversions Part 1

Format	Color
Hex	AAA99D
RGB	170, 169, 157
RGB Percent	67%, 66%, 62%
CMY	0.3334, 0.3373, 0.3844
CMYK	0.00, 0.01, 0.08, 0.33
HSL	55°, 7%, 64%
HSV	55°, 8%, 67%
XYZ	36.8401, 39.3444, 37.5408
YIQ	167.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

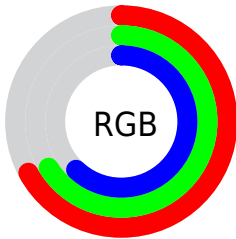
Format	Color
RYB	158, 170, 157
Decimal	11184541
CIELab	69.00, -1.82, 6.31
CIElCh	69, 6.568, 106.117
Yxy	39.3444, 0.3239, 0.3460
Android (android.graphics.Color)	4289374621 (0xFFAAA99D)
YUV	167.9310, -5.3890, 1.8145
Hunter-Lab	62.7251, -4.9311, 8.4227

Details

The CIELCh color **69, 6.568, 106.117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 6.674, 287.726**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 6.231, 106.291**, and **49, 6.439, 105.594** is the 20% darker color. If you saturate the color by 10%, you get **68, 15.161, 105.115**, and if you desaturate by 10%, it is **70, 2.031, 287.183**.

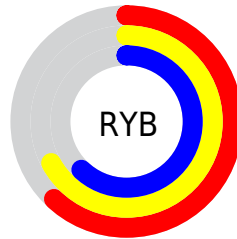
Distribution



Red (67%)

Green (66%)

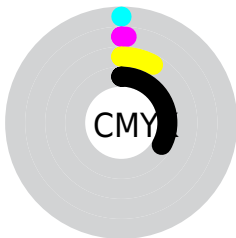
Blue (62%)



Red (62%)

Yellow (67%)

Blue (62%)

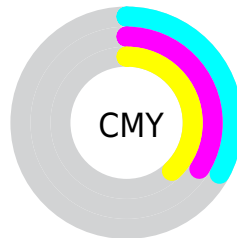


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.568, 106.117 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 69, 6.568, 106.117 by changing the saturation by 10% instead.

■ 69, 6.568, 106.117

■ 69, 6.568, 106.117

■ 100, 6.568,
106.117

■ 59, 6.568, 106.117

■ 89, 6.568, 106.117

■ 49, 6.568, 106.117

■ 99, 6.568, 106.117

■ 39, 6.568, 106.117

■ 29, 6.568, 106.117

■ 19, 6.568, 106.117

■ 9, 6.568, 106.117

■ 0, 6.568, 106.117

■ 69, 6.568, 106.117

■ 69, 6.568, 106.117

■ 68, 15.161,

■ 70, 2.031, 287.183

105.115

71, 10.611,
288.117

68, 23.697,
104.083

72, 19.152,
289.046

67, 32.102,
103.050

72, 27.643,
289.938

66, 40.254,
102.033

73, 36.075,
290.788

66, 47.960,
101.051

74, 42.324,
291.255

65, 54.923,
100.127

75, 41.587,
290.579

65, 60.731, 99.284

75, 40.856,
289.880

64, 64.907, 98.540

64, 67.242, 97.892

75, 40.131,
289.158

Harmonies

Complementary

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



69, 6.568, 106.117



65, 6.674, 287.726

Rectangle

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



69, 6.568, 106.117



69, 6.568, 156.117



69, 6.568, 286.117



69, 6.568, 336.117

Sweetspot

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



69, 6.570, 106.129



88, 2.126, 106.657



66, 5.068, 13.014



47, 1.218, 106.665



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 6.570, 106.129



88, 9.604, 105.978



69, 7.428, 125.757



35, 4.823, 105.966



56, 61.164, 97.807



6, 8.566, 105.530

Inverse Universe

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



65, 6.674, 287.726



82, 9.779, 287.895



66, 7.529, 306.463



33, 4.912, 287.909



17, 85.371, 305.085



1, 8.933, 287.395

Previews

White Background



This preview shows how the CIELCh color 69, 6.568, 106.117 looks on a white background.

Color Contrast Check

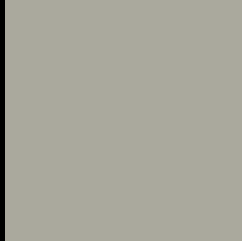
Large Text (above 18pt) WCAG AA × Fail

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 69, 6.568, 106.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

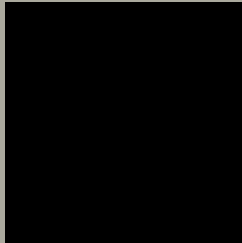
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 6.568, 106.117

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.568, 106.117.



This preview shows how white text looks on a background with the CIELCh color 69, 6.568, 106.117.

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


69, 6.568, 106.117

Protanopia

69, 6.955, 89.828

Deuteranopia

69, 10.223, 35.638



Tritanopia
69, 7.637, 310.693

Trichromacy



Original Color
69, 6.568, 106.117

Protanomaly
69, 6.835, 92.931

Deuteranomaly
69, 7.336, 51.204

Tritanomaly
69, 2.915, 330.610

Monochromacy



Original Color
69, 6.568, 106.117

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.214, 100.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.568, 106.117 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(170, 169, 157)` looks like.

```
.text, #text, p{  
    color:rgb(170, 169, 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(170, 169, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 169, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.568, 106.117 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(170, 169, 157) }
```

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

```
.border{ border-color:rgb(170, 169, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 169, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 169, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 169, 157);  
box-shadow:4px 4px 4px 4px rgb(170, 169,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.568, 106.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 169, 157) }
```

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

```
.background{ background-color: rgb(170,  
169, 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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