

Converting Colors

CIELCh(69, 8.051, 110.031)

Have a look what the booklet for
CIELCh(69, 8.051, 110.031) contains.

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Color

CIELCh(69, 7.654, 109.389)

Conversions

Conversions Part 1

Format	Color
Hex	A9A99B
RGB	169, 169, 155
RGB Percent	66%, 66%, 61%
CMY	0.3360, 0.3360, 0.3909
CMYK	0.00, 0.00, 0.08, 0.34
HSL	60°, 8%, 64%
HSV	60°, 8%, 66%
XYZ	36.6230, 39.3444, 36.8147
YIQ	167.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

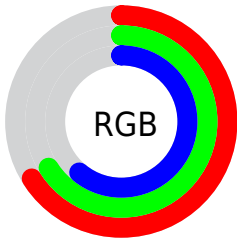
Format	Color
RYB	155, 169, 155
Decimal	11119003
CIELab	69.00, -2.54, 7.22
CIELCh	69, 7.654, 109.389
Yxy	39.3444, 0.3247, 0.3489
Android (android.graphics.Color)	4289309083 (0xFFA9A99B)
YUV	167.4040, -6.1152, 1.3997
Hunter-Lab	62.7251, -5.5491, 9.1090

Details

The CIELCh color $69, 7.654, 109.389$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 7.806, 291.022$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.781, 109.526$, and $49, 7.597, 109.157$ is the 20% darker color. If you saturate the color by 10%, you get $69, 16.872, 108.449$, and if you desaturate by 10%, it is $69, 1.611, 290.383$.

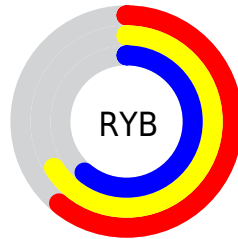
Distribution



Red (66%)

Green (66%)

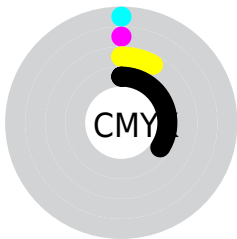
Blue (61%)



Red (61%)

Yellow (66%)

Blue (61%)

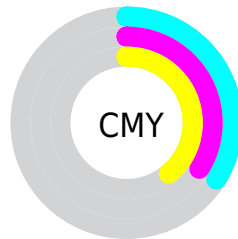


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (34%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.654, 109.389 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, 7.654, 109.389 by changing the saturation by 10% instead.

■ 69, 7.654, 109.389

■ 69, 7.654, 109.389

■ 100, 7.654,
109.389

■ 59, 7.654, 109.389

■ 89, 7.654, 109.389

■ 49, 7.654, 109.389

■ 99, 7.654, 109.389

■ 39, 7.654, 109.389

■ 29, 7.654, 109.389

■ 19, 7.654, 109.389

■ 9, 7.654, 109.389

■ 0, 7.654, 109.389

■ 69, 7.654, 109.389

■ 69, 7.654, 109.389

■ 69, 16.872,

■ 69, 1.611, 290.383

108.449

70, 10.888,
291.272

68, 25.978,
107.497

70, 20.149,
292.159

68, 34.881,
106.563

71, 29.375,
293.011

68, 43.439,
105.669

72, 38.552,
293.825

68, 51.435,
104.843

72, 46.639,
294.512

67, 58.556,
104.119

72, 46.639,
294.514

67, 64.399,
103.537

72, 46.639,
294.515

67, 68.547,
103.131

72, 46.639,
294.516

67, 70.946,
102.900

Harmonies

Complementary

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



69, 7.654, 109.389



65, 7.806, 291.022

Rectangle

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



69, 7.654, 109.389



69, 7.654, 159.389



69, 7.654, 289.389



69, 7.654, 339.389

Sweetspot

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



69, 7.656, 109.399



87, 2.279, 109.965



65, 5.449, 19.827



46, 1.293, 109.974



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



69, 7.656, 109.399



87, 11.419, 109.219



68, 8.156, 128.723



36, 5.211, 109.304



59, 64.564, 102.865



6, 9.557, 110.188

Inverse Universe

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



65, 7.806, 291.022



80, 11.688, 291.228



65, 8.257, 309.418



32, 5.324, 291.130



16, 89.149, 306.288



0, 9.559, 290.185

Previews

White Background



This preview shows how the CIELCh color 69, 7.654, 109.389 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, 7.654, 109.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

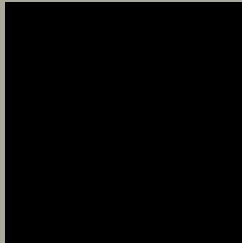
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

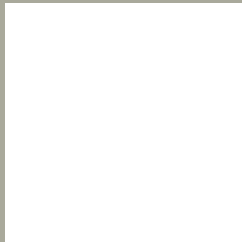
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.654, 109.389

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.654, 109.389.



This preview shows how white text looks on a background with the CIELCh color 69, 7.654, 109.389.

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, 7.654, 109.389

Protanopia

69, 8.121, 89.625

Deuteranopia

69, 11.017, 34.581



Tritanopia
69, 7.637, 310.693

Trichromacy



Original Color
69, 7.654, 109.389

Protanomaly
69, 7.893, 95.027

Deuteranomaly
69, 8.307, 56.064

Tritanomaly
69, 2.524, 338.713

Monochromacy



Original Color
69, 7.654, 109.389

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.733, 109.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.654, 109.389 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(169, 169, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 155)  
}
```

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(169, 169, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.654, 109.389 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(169, 169, 155) }
```

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

```
.border{ border-color:rgb(169, 169, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 169, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 169, 155); box-shadow:4px 4px 4px 4px rgb(169, 169, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.654, 109.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 155) }
```

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

```
.background{ background-color: rgb(169,  
169, 155) }
```

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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