

Converting Colors

CIELCh(69, 15.757, 38.716)

Have a look what the booklet for
CIELCh(69, 15.757, 38.716) contains.

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Color

CIELCh(69, 15.734, 38.715)

Conversions

Conversions Part 1

Format	Color
Hex	C5A097
RGB	197, 160, 151
RGB Percent	77%, 63%, 59%
CMY	0.2267, 0.3718, 0.4071
CMYK	0.00, 0.19, 0.23, 0.23
HSL	12°, 28%, 68%
HSV	12°, 23%, 77%
XYZ	41.2822, 39.3444, 34.7760
YIQ	170.0370, 24.9410, 5.0450

Conversions

Conversions Part 2

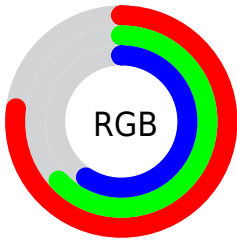
Format	Color
RYB	197, 162, 151
Decimal	12951703
CIELab	69.00, 12.28, 9.84
CIElCh	69, 15.734, 38.715
Yxy	39.3444, 0.3577, 0.3409
Android (android.graphics.Color)	4291141783 (0xFFC5A097)
YUV	170.0370, -9.3852, 23.6466
Hunter-Lab	62.7251, 7.7100, 11.0360

Details

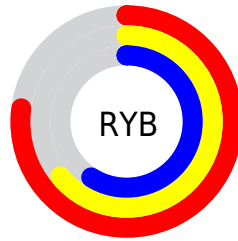
The CIELCh color $69, 15.734, 38.715$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 13.460, 219.880$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.653, 39.600$, and $49, 15.663, 38.247$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.432, 38.851$, and if you desaturate by 10%, it is $73, 8.625, 38.723$.

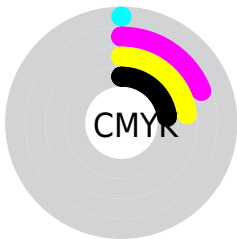
Distribution



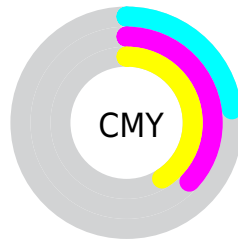
- Red (77%)
- Green (63%)
- Blue (59%)



- Red (77%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.734, 38.715 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, 15.734, 38.715 by changing the saturation by 10% instead.

■ 69, 15.734, 38.715

■ 69, 15.734, 38.715

■ 100, 15.734,
38.715

■ 59, 15.734, 38.715

■ 89, 15.734, 38.715

■ 49, 15.734, 38.715

■ 99, 15.734, 38.715

■ 39, 15.734, 38.715

■ 29, 15.734, 38.715

■ 19, 15.734, 38.715

■ 9, 15.734, 38.715

■ 0, 15.734, 38.715

■ 69, 15.734, 38.715

■ 69, 15.734, 38.715

■ 65, 23.432, 38.851

■ 73, 8.625, 38.723

60, 31.743, 39.154

78, 2.069, 38.662

56, 40.647, 39.672

83, 3.987, 219.276

53, 50.057, 40.430

87, 9.596, 219.475

50, 59.759, 41.398

92, 14.810,
219.776

47, 69.272, 42.417

96, 18.952,
198.254

44, 77.532, 43.025

43, 82.043, 43.265

Harmonies

Complementary

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



69, 15.734, 38.715



74, 13.460, 219.880

Rectangle

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



69, 15.734, 38.715



69, 15.734, 88.715



69, 15.734, 218.715



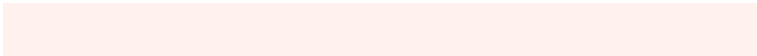
69, 15.734, 268.715

Sweetspot

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



69, 15.733, 38.724



96, 5.439, 38.739



68, 26.712, 331.397



51, 3.543, 38.740



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 15.733, 38.724



84, 23.761, 38.769



75, 17.889, 89.498



40, 3.635, 38.738



36, 70.945, 43.579



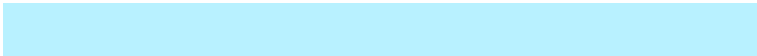
5, 14.192, 30.854

Inverse Universe

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



74, 13.460, 219.880



92, 19.556, 220.188



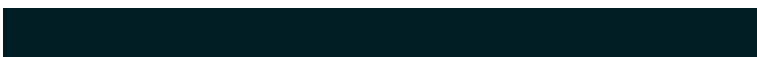
68, 17.878, 275.801



41, 3.430, 219.324



51, 31.377, 234.240



9, 11.179, 225.490

Previews

White Background



This preview shows how the CIELCh color 69, 15.734, 38.715 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, 15.734, 38.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

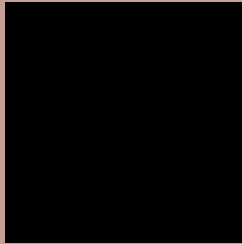
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.734, 38.715

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.734, 38.715.



This preview shows how white text looks on a background with the CIELCh color 69, 15.734, 38.715.

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, 15.734, 38.715

Protanopia

69, 7.606, 88.328

Deuteranopia

69, 13.044, 50.234



Tritanopia
69, 17.654, 357.442

Trichromacy



Original Color
69, 15.734, 38.715

Protanomaly
69, 9.330, 59.847

Deuteranomaly
69, 13.870, 45.888

Tritanomaly
69, 15.882, 11.032

Monochromacy



Original Color
69, 15.734, 38.715

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 5.648, 36.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.734, 38.715 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(197, 160, 151)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 151)  
}
```

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(197, 160, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.734, 38.715 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(197, 160, 151) }
```

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

```
.border{ border-color:rgb(197, 160, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 151);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.734, 38.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 151) }
```

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

```
.background{ background-color: rgb(197,  
160, 151) }
```

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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