

Converting Colors

CIELCh(69, 16.170, 41.548)

Have a look what the booklet for
CIELCh(69, 16.170, 41.548) contains.

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Color

CIELCh(69, 15.953, 40.507)

Conversions

Conversions Part 1

Format	Color
Hex	C5A096
RGB	197, 160, 150
RGB Percent	77%, 63%, 59%
CMY	0.2264, 0.3715, 0.4108
CMYK	0.00, 0.19, 0.24, 0.23
HSL	13°, 29%, 68%
HSV	13°, 24%, 77%
XYZ	41.2341, 39.3444, 34.3797
YIQ	169.9230, 25.2620, 4.7340

Conversions

Conversions Part 2

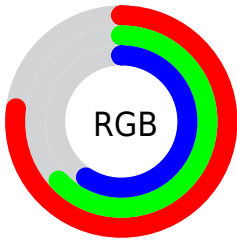
Format	Color
RYB	197, 163, 150
Decimal	12951702
CIELab	69.00, 12.13, 10.36
CIElCh	69, 15.953, 40.507
Yxy	39.3444, 0.3587, 0.3422
Android (android.graphics.Color)	4291141782 (0xFFC5A096)
YUV	169.9230, -9.8220, 23.7465
Hunter-Lab	62.7251, 7.5730, 11.4107

Details

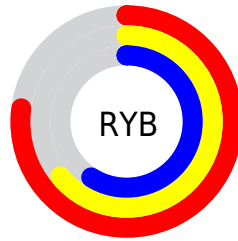
The CIELCh color $69, 15.953, 40.507$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 13.626, 222.116$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.861, 41.311$, and $49, 15.903, 40.155$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.604, 40.549$, and if you desaturate by 10%, it is $73, 8.886, 40.601$.

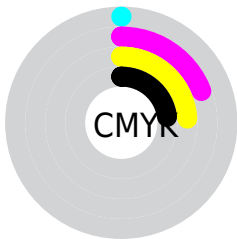
Distribution



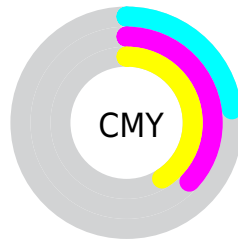
- Red (77%)
- Green (63%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.953, 40.507 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, 15.953, 40.507 by changing the saturation by 10% instead.

■ 69, 15.953, 40.507

■ 69, 15.953, 40.507

■ 100, 15.953,
40.507

■ 59, 15.953, 40.507

■ 89, 15.953, 40.507

■ 49, 15.953, 40.507

■ 99, 15.953, 40.507

■ 39, 15.953, 40.507

■ 29, 15.953, 40.507

■ 19, 15.953, 40.507

■ 9, 15.953, 40.507

■ 0, 15.953, 40.507

■ 69, 15.953, 40.507

■ 69, 15.953, 40.507

■ 65, 23.604, 40.549

■ 73, 8.886, 40.601

61, 31.864, 40.747

78, 2.364, 40.651

57, 40.714, 41.144

82, 3.664, 221.315

53, 50.070, 41.758

87, 9.251, 221.574

50, 59.715, 42.552

92, 14.448,
221.939

47, 69.152, 43.356

96, 18.406,
200.827

45, 77.291, 43.700

44, 81.472, 43.796

96, 18.933,
198.255

Harmonies

Complementary

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



69, 15.953, 40.507



74, 13.626, 222.116

Rectangle

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



69, 15.953, 40.507



69, 15.953, 90.507



69, 15.953, 220.507



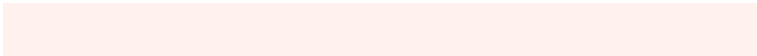
69, 15.953, 270.507

Sweetspot

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



69, 15.952, 40.516



96, 5.389, 40.676



68, 26.980, 332.029



51, 3.510, 40.672



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, 15.952, 40.516



84, 24.470, 40.517



75, 18.569, 90.727



40, 3.601, 40.656



36, 70.435, 44.145



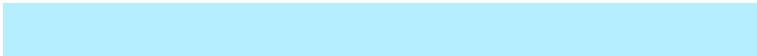
5, 14.074, 31.977

Inverse Universe

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



74, 13.626, 222.116



91, 20.036, 222.525



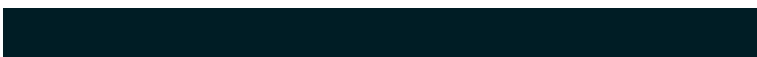
67, 18.641, 277.117



41, 3.401, 221.395



50, 31.657, 237.932



9, 11.138, 228.598

Previews

White Background



This preview shows how the CIELCh color 69, 15.953, 40.507 looks on a white background.

Color Contrast Check

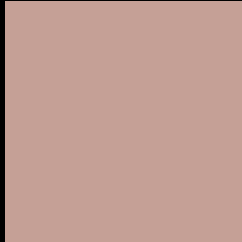
Large Text (above 18pt) WCAG AA × Fail

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 69, 15.953, 40.507 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, 15.953, 40.507

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.953, 40.507.



This preview shows how white text looks on a background with the CIELCh color 69, 15.953, 40.507.

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, 15.953, 40.507

Protanopia

69, 8.121, 89.625

Deuteranopia

69, 13.782, 48.561



Tritanopia
69, 18.013, 357.992

Trichromacy



Original Color
69, 15.953, 40.507

Protanomaly
69, 9.707, 62.211

Deuteranomaly
69, 14.639, 44.541

Tritanomaly
69, 16.277, 11.317

Monochromacy



Original Color
69, 15.953, 40.507

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, 15.953, 40.507 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.953, 40.507 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, 150) }
```

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

```
.border{ border-color:rgb(197, 160, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.953, 40.507 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, 150) }
```

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

```
.background{ background-color: rgb(197,  
160, 150) }
```

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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