

Converting Colors

CIELCh(67, 25.172, 69.388)

Have a look what the booklet for
CIELCh(67, 25.172, 69.388) contains.

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Color

CIELCh(67, 25.141, 69.366)

Conversions

Conversions Part 1

Format	Color
Hex	C19C79
RGB	193, 156, 121
RGB Percent	76%, 61%, 47%
CMY	0.2420, 0.3871, 0.5245
CMYK	0.00, 0.19, 0.37, 0.24
HSL	29°, 37%, 62%
HSV	29°, 37%, 76%
XYZ	37.4689, 36.6320, 23.2699
YIQ	163.0730, 33.2870, -3.0410

Conversions

Conversions Part 2

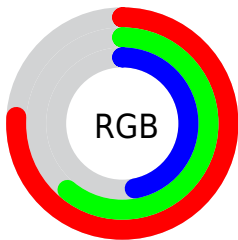
Format	Color
RYB	193, 189, 121
Decimal	12688505
CIELab	67.00, 8.86, 23.53
CIElCh	67, 25.141, 69.366
Yxy	36.6320, 0.3848, 0.3762
Android (android.graphics.Color)	4290878585 (0xFFC19C79)
YUV	163.0730, -20.7420, 26.2460
Hunter-Lab	60.5244, 4.5865, 19.5718

Details

The CIELCh color $67, 25.141, 69.366$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $64, 22.427, 260.062$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 25.020, 68.146$, and $47, 25.176, 69.629$ is the 20% darker color. If you saturate the color by 10%, you get $64, 32.672, 68.145$, and if you desaturate by 10%, it is $70, 17.942, 70.592$.

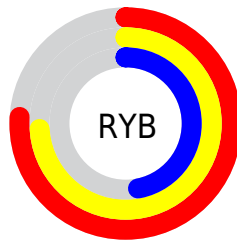
Distribution



Red (76%)

Green (61%)

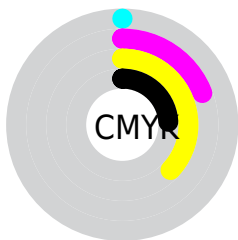
Blue (47%)



Red (76%)

Yellow (74%)

Blue (47%)

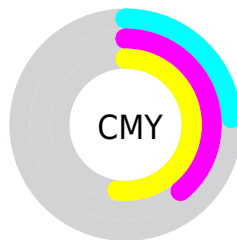


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (24%)



Cyan (24%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 25.141, 69.366 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 67, 25.141, 69.366 by changing the saturation by 10% instead.

■ 67, 25.141, 69.366

■ 67, 25.141, 69.366

■ 100, 25.141,
69.366

■ 57, 25.141, 69.366

■ 87, 25.141, 69.366

■ 47, 25.141, 69.366

■ 97, 25.141, 69.366

■ 37, 25.141, 69.366

■ 27, 25.141, 69.366

■ 17, 25.141, 69.366

■ 7, 25.141, 69.366

■ 0, 25.141, 69.366

■ 67, 25.141, 69.366

■ 67, 25.141, 69.366

■ 64, 32.672, 68.145

■ 70, 17.942, 70.592

61, 40.481, 66.903

73, 11.083, 71.799

59, 48.419, 65.609

76, 4.549, 72.958

56, 56.160, 64.170

79, 1.685, 254.444

54, 63.070, 62.385

82, 7.648, 255.430

52, 68.296, 59.968

85, 13.370,
256.532

51, 69.661, 59.335

88, 18.228,
256.024

91, 16.761,
235.460

94, 17.578,
214.367

Harmonies

Complementary

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



67, 25.141, 69.366



64, 22.427, 260.062

Rectangle

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



67, 25.141, 69.366



67, 25.141, 119.366



67, 25.141, 249.366



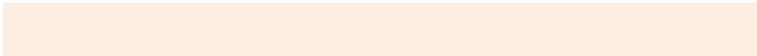
67, 25.141, 299.366

Sweetspot

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



67, 25.141, 69.372



95, 8.641, 72.517



60, 34.325, 346.300



51, 5.874, 72.356



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 25.141, 69.372



83, 38.498, 68.335



76, 37.283, 105.886



39, 3.577, 72.724



43, 60.555, 59.899



6, 11.471, 56.671

Inverse Universe

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



64, 22.427, 260.062



78, 33.357, 262.107



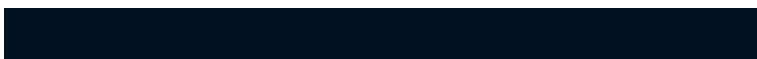
54, 40.837, 294.410



39, 3.493, 255.158



35, 49.205, 282.142



5, 12.632, 268.211

Previews

White Background



This preview shows how the CIELCh color 67, 25.141, 69.366 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 67, 25.141, 69.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

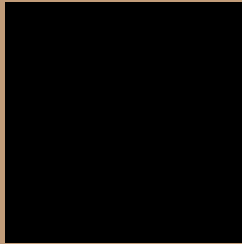
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 25.141, 69.366

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.141, 69.366.



This preview shows how white text looks on a background with the CIELCh color 67, 25.141, 69.366.

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

67, 25.141, 69.366

Protanopia

67, 21.951, 94.740

Deuteranopia

67, 25.141, 69.366



Tritanopia
67, 19.308, 3.181

Trichromacy



Original Color
67, 25.141, 69.366

Protanomaly
67, 22.714, 85.096

Deuteranomaly
67, 25.141, 69.366

Tritanomaly
67, 17.776, 31.556

Monochromacy



Original Color
67, 25.141, 69.366

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.825, 73.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.141, 69.366 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, 156, 121)` looks like.

```
.text, #text, p{  
    color:rgb(193, 156, 121)  
}
```

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, 156, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 156, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.141, 69.366 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, 156, 121) }
```

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

```
.border{ border-color:rgb(193, 156, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 156, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 156, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 156, 121);  
box-shadow:4px 4px 4px 4px rgb(193, 156,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.141, 69.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 156, 121) }
```

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

```
.background{ background-color: rgb(193,  
156, 121) }
```

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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