

Converting Colors

CIELCh(67, 27.357, 164.198)

Have a look what the booklet for
CIELCh(67, 27.357, 164.198)
contains.

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Color

CIELCh(67, 27.379, 164.176)

Conversions

Conversions Part 1

Format	Color
Hex	71B095
RGB	113, 176, 149
RGB Percent	44%, 69%, 58%
CMY	0.5576, 0.3106, 0.4165
CMYK	0.36, 0.00, 0.15, 0.31
HSL	154°, 28%, 57%
HSV	154°, 36%, 69%
XYZ	27.6792, 36.6320, 33.9634
YIQ	154.0850, -28.8810, -21.7530

Conversions

Conversions Part 2

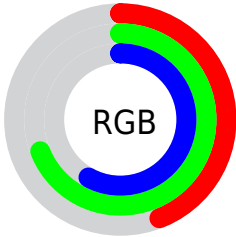
Format	Color
RYB	113, 153, 176
Decimal	7450773
CIELab	67.00, -26.34, 7.47
CIELCh	67, 27.379, 164.176
Yxy	36.6320, 0.2817, 0.3728
Android (android.graphics.Color)	4285640853 (0xFF71B095)
YUV	154.0850, -2.5069, -36.0315
Hunter-Lab	60.5244, -24.2854, 9.0963

Details

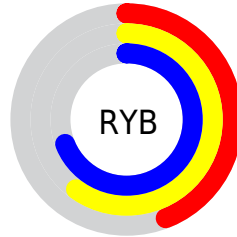
The CIELCh color $67, 27.379, 164.176$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $55, 29.109, 351.399$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.426, 163.993$, and $47, 27.513, 164.015$ is the 20% darker color. If you saturate the color by 10%, you get $66, 34.446, 162.928$, and if you desaturate by 10%, it is $68, 19.960, 165.294$.

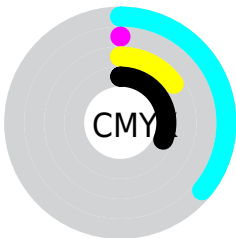
Distribution



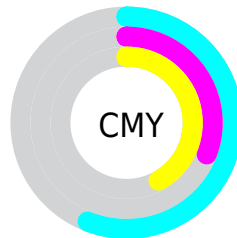
- Red (44%)
- Green (69%)
- Blue (58%)



- Red (44%)
- Yellow (60%)
- Blue (69%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)





- Cyan (56%)
- Magenta (31%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 27.379, 164.176 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, 27.379, 164.176 by changing the saturation by 10% instead.

 67, 27.379,
164.176


 67, 27.379,
164.176


 100, 27.379,
164.176


 57, 27.379,
164.176


 87, 27.379,
164.176

 47, 27.379,
164.176

 97, 27.379,
164.176

 37, 27.379,
164.176

 27, 27.379,
164.176

 17, 27.379,
164.176

 7, 27.379, 164.176

 0, 27.379, 164.176

67, 27.379,
164.176

67, 27.379,
164.176

66, 34.446,
162.928

68, 19.960,
165.294

65, 41.030,
161.529

69, 12.310,
166.311

65, 47.015,
159.953

71, 4.542, 167.279

72, 3.251, 347.911

64, 52.309,
158.180

74, 10.994,
348.770

64, 56.873,
156.198

76, 18.632,
349.506

63, 60.739,
154.023

78, 26.123,
350.188

63, 62.252,
153.129

80, 33.441,
350.827

■ 80, 35.806,
345.734

Harmonies

Complementary

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



67, 27.379, 164.176



55, 29.109, 351.399

Rectangle

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



67, 27.379, 164.176



67, 27.379, 214.176



67, 27.379, 344.176



67, 27.379, 34.176

Sweetspot

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



67, 27.380, 164.175



89, 10.637, 166.758



68, 36.960, 129.733



47, 7.138, 166.632



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 27.380, 164.175



84, 40.295, 163.199



67, 19.732, 204.643



36, 4.360, 166.940



55, 55.178, 153.442



6, 9.870, 162.392

Inverse Universe

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



55, 29.109, 351.399



66, 43.359, 352.514



55, 25.476, 27.559



34, 4.433, 348.454



32, 56.971, 8.017



2, 8.799, 352.617

Previews

White Background



This preview shows how the CIELCh color 67, 27.379, 164.176 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, 27.379, 164.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

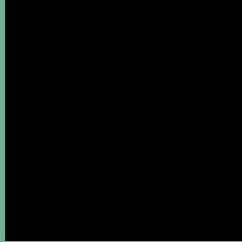
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.379, 164.176

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.379, 164.176.



This preview shows how white text looks on a background with the CIELCh color 67, 27.379, 164.176.

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, 27.379, 164.176

Protanopia
67, 11.456, 92.751

Deuteranopia
67, 10.147, 32.710



Tritanopia
67, 17.880, 222.037

Trichromacy



Original Color
67, 27.379, 164.176

Protanomaly
67, 14.524, 137.668

Deuteranomaly
66, 7.682, 130.083

Tritanomaly
67, 18.971, 194.477

Monochromacy



Original Color
67, 27.379, 164.176

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.379, 166.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.379, 164.176 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(113, 176, 149)` looks like.

```
.text, #text, p{  
    color:rgb(113, 176, 149)  
}
```

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(113, 176, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 176, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.379, 164.176 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(113, 176, 149) }
```

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

```
.border{ border-color:rgb(113, 176, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 176, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 176, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 176, 149);  
box-shadow:4px 4px 4px 4px rgb(113, 176,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.379, 164.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 176, 149) }
```

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

```
.background{ background-color: rgb(113,  
176, 149) }
```

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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