

Converting Colors

CIELCh(70, 26.886, 133.435)

Have a look what the booklet for
CIELCh(70, 26.886, 133.435)
contains.

| | |
|--|----|
| CIELCh(70, 27.127, 133.542) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(70, 27.127, 133.542)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 96B487 |
| RGB | 150, 180, 135 |
| RGB Percent | 59%, 71%, 53% |
| CMY | 0.4127, 0.2951, 0.4715 |
| CMYK | 0.17, 0.00, 0.25, 0.30 |
| HSL | 100°, 23%, 62% |
| HSV | 100°, 25%, 70% |
| XYZ | 33.1638, 40.7494, 28.9546 |
| YIQ | 165.9000, -3.4350, -20.3550 |

Conversions

Conversions Part 2

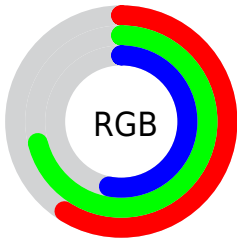
| Format | Color |
|-------------------------------------|--|
| RYB | 135, 180, 165 |
| Decimal | 9876615 |
| CIELab | 70.00, -18.69, 19.66 |
| CIELCh | 70, 27.127, 133.542 |
| Yxy | 40.7494, 0.3224, 0.3961 |
| Android (android.graphics.Color) | 4288066695 (0xFF96B487) |
| YUV | 165.9000, -15.2337, -13.9443 |
| Hunter-Lab | 63.8353, -18.9770, 17.7917 |

Details

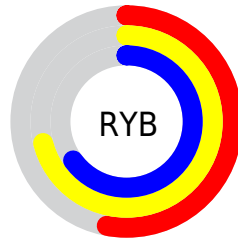
The CIELCh color **70, 27.127, 133.542** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 27.705, 315.726**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.339, 133.089**, and **50, 26.954, 133.175** is the 20% darker color. If you saturate the color by 10%, you get **69, 37.880, 133.024**, and if you desaturate by 10%, it is **71, 16.271, 134.033**.

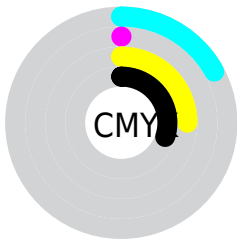
Distribution



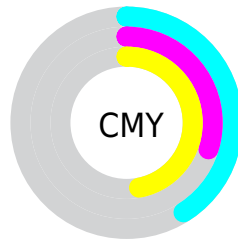
- Red (59%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (30%)





- Cyan (41%)
- Magenta (30%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 27.127, 133.542 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 70, 27.127, 133.542 by changing the saturation by 10% instead.

 70, 27.127,
133.542

 70, 27.127,
133.542


 100, 27.127,
133.542


 60, 27.127,
133.542


 90, 27.127,
133.542

 50, 27.127,
133.542

 40, 27.127,
133.542

 30, 27.127,
133.542

 20, 27.127,
133.542

 10, 27.127,
133.542

 0, 27.127, 133.542

70, 27.127,
133.542

70, 27.127,
133.542

69, 37.880,
133.024

71, 16.271,
134.033

68, 48.366,
132.497

73, 5.419, 134.496

67, 58.367,
132.004

74, 5.347, 314.834

66, 67.579,
131.613

75, 15.969,
315.205

66, 75.599,
131.428

77, 26.408,
315.517

65, 81.970,
131.573

79, 36.638,
315.787


65, 86.336,
132.149

80, 43.996,
317.528

65, 88.029,

81, 45.635,
322.426

132.477

 82, 47.114,
326.054

Harmonies

Complementary

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



70, 27.127, 133.542



60, 27.705, 315.726

Rectangle

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



70, 27.127, 133.542



70, 27.127, 183.542



70, 27.127, 313.542



70, 27.127, 3.542

Sweetspot

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



70, 27.129, 133.543



92, 10.726, 134.352



68, 17.557, 87.962



48, 7.622, 134.283



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 27.129, 133.543



88, 40.343, 133.261



69, 26.801, 147.625



37, 6.084, 134.298



56, 78.000, 132.302



7, 15.031, 137.069

Inverse Universe

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



60, 27.705, 315.726



74, 41.393, 315.967



62, 26.885, 330.910



35, 6.138, 315.039



27, 82.224, 316.482



2, 14.332, 311.113

Previews

White Background



This preview shows how the CIELCh color 70, 27.127, 133.542 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 70, 27.127, 133.542 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 70, 27.127, 133.542

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.127, 133.542.



This preview shows how white text looks on a background with the CIELCh color 70, 27.127, 133.542.

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](#).

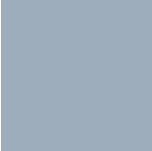
Dichromacy



Original Color
70, 27.127, 133.542

Protanopia
70, 21.784, 94.868

Deuteranopia
70, 20.130, 64.536



Tritanopia
70, 9.221, 255.642

Trichromacy



Original Color
70, 27.127, 133.542

Protanomaly
70, 22.800, 111.963

Deuteranomaly
70, 18.424, 95.561

Tritanomaly
70, 8.407, 171.603

Monochromacy



Original Color
70, 27.127, 133.542

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.763, 134.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.127, 133.542 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(150, 180, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 180, 135)  
}
```

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(150, 180, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 180, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.127, 133.542 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(150, 180, 135) }
```

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

```
.border{ border-color:rgb(150, 180, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 180, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 180, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 180, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 180,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.127, 133.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 180, 135) }
```

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

```
.background{ background-color: rgb(150,  
180, 135) }
```

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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