

Converting Colors

CIELCh(67, 55.809, 128.026)

Have a look what the booklet for
CIELCh(67, 55.809, 128.026)
contains.

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Color

CIELCh(67, 55.841, 128.016)

Conversions

Conversions Part 1

Format	Color
Hex	7DB250
RGB	125, 178, 80
RGB Percent	49%, 70%, 31%
CMY	0.5110, 0.3031, 0.6874
CMYK	0.30, 0.00, 0.55, 0.30
HSL	92°, 39%, 50%
HSV	92°, 55%, 70%
XYZ	25.7108, 36.6320, 13.2501
YIQ	150.9810, -0.1300, -41.7140

Conversions

Conversions Part 2

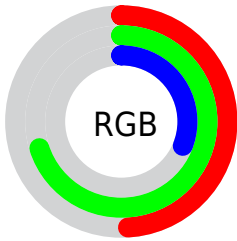
Format	Color
RYB	80, 178, 133
Decimal	8237648
CIELab	67.00, -34.39, 43.99
CIELCh	67, 55.841, 128.016
Yxy	36.6320, 0.3401, 0.4846
Android (android.graphics.Color)	4286427728 (0xFF7DB250)
YUV	150.9810, -34.9936, -22.7853
Hunter-Lab	60.5244, -30.0905, 29.3872

Details

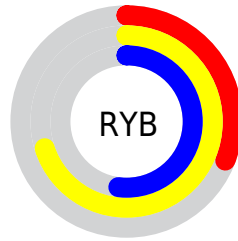
The CIELCh color **67, 55.841, 128.016** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **44, 60.036, 313.069**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 55.798, 128.055**, and **47, 55.740, 128.073** is the 20% darker color. If you saturate the color by 10%, you get **66, 64.630, 127.750**, and if you desaturate by 10%, it is **68, 46.310, 128.419**.

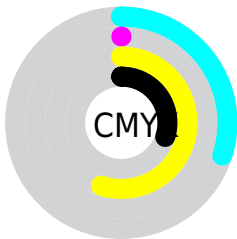
Distribution



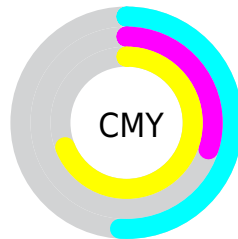
- Red (49%)
- Green (70%)
- Blue (31%)



- Red (31%)
- Yellow (70%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (55%)
- Black (30%)





- Cyan (51%)
- Magenta (30%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 55.841, 128.016 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, 55.841, 128.016 by changing the saturation by 10% instead.


 67, 55.841,
128.016


 67, 55.841,
128.016


 100, 55.841,
128.016


 57, 55.841,
128.016


 87, 55.841,
128.016

 47, 55.841,
128.016

 97, 55.841,
128.016

 37, 55.841,
128.016

 27, 55.841,
128.016

 17, 55.841,
128.016

 7, 55.841, 128.016

 0, 55.841, 128.016

67, 55.841,
128.016

67, 55.841,
128.016

66, 64.630,
127.750

68, 46.310,
128.419

66, 72.293,
127.719

69, 36.318,
128.883

65, 78.393,
128.051

70, 26.068,
129.365

65, 82.598,
128.846

71, 15.700,
129.836

65, 84.240,
129.288

72, 5.313, 130.294

73, 5.024, 310.655

74, 15.261,
311.042

76, 25.363,
311.379

■ 77, 35.306,
311.679

Harmonies

Complementary

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



67, 55.841, 128.016



44, 60.036, 313.069

Rectangle

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



67, 55.841, 128.016



67, 55.841, 178.016



67, 55.841, 308.016



67, 55.841, 358.016

Sweetspot

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



67, 55.842, 128.017



90, 21.907, 129.736



59, 36.654, 71.812



48, 14.773, 129.643



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 55.842, 128.017



84, 80.923, 127.721



65, 62.376, 140.681



37, 5.888, 130.102



56, 75.292, 129.097



7, 14.630, 133.904

Inverse Universe

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



44, 60.036, 313.069



51, 88.400, 313.492



50, 61.831, 328.235



35, 5.960, 310.871



24, 84.354, 313.033



1, 13.938, 306.600

Previews

White Background



This preview shows how the CIELCh color 67, 55.841, 128.016 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, 55.841, 128.016 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, 55.841, 128.016

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.841, 128.016.

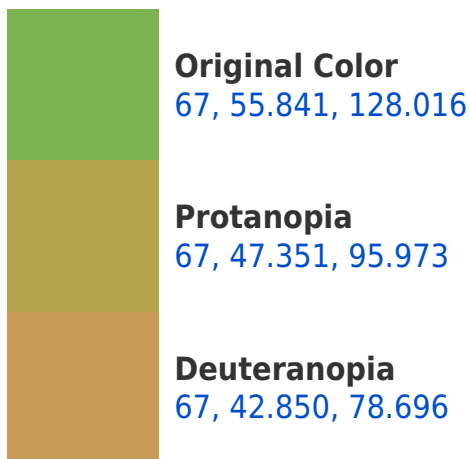


This preview shows how white text looks on a background with the CIELCh color 67, 55.841, 128.016.

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





Tritanopia
67, 11.955, 235.892

Trichromacy



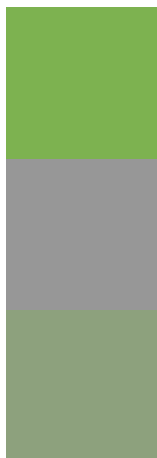
Original Color
67, 55.841, 128.016

Protanomaly
67, 48.063, 109.336

Deuteranomaly
66, 42.492, 100.303

Tritanomaly
67, 20.607, 151.534

Monochromacy



Original Color
67, 55.841, 128.016

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 21.483, 130.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 55.841, 128.016 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(125, 178, 80)` looks like.

```
.text, #text, p{  
    color:rgb(125, 178, 80)  
}
```

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(125, 178, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 178, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.841, 128.016 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(125, 178, 80) }
```

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

```
.border{ border-color:rgb(125, 178, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 178, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 178, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 178, 80);  
box-shadow:4px 4px 4px 4px rgb(125, 178,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.841, 128.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 178, 80) }
```

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

```
.background{ background-color: rgb(125,  
178, 80) }
```

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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