

Converting Colors

CIELCh(66, 43.065, 132.239)

Have a look what the booklet for
CIELCh(66, 43.065, 132.239)
contains.

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Color

CIELCh(66, 43.278, 132.250)

Conversions

Conversions Part 1

Format	Color
Hex	7EAD65
RGB	126, 173, 101
RGB Percent	49%, 68%, 40%
CMY	0.5054, 0.3210, 0.6034
CMYK	0.27, 0.00, 0.42, 0.32
HSL	99°, 31%, 54%
HSV	99°, 42%, 68%
XYZ	25.9459, 35.3238, 17.7933
YIQ	150.7390, -4.9000, -32.3560

Conversions

Conversions Part 2

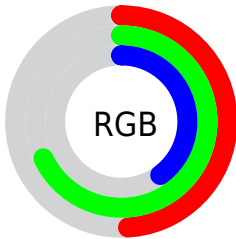
Format	Color
RYB	101, 173, 148
Decimal	8301925
CIELab	66.00, -29.10, 32.04
CIElCh	66, 43.278, 132.250
Yxy	35.3238, 0.3282, 0.4468
Android (android.graphics.Color)	4286492005 (0xFF7EAD65)
YUV	150.7390, -24.5213, -21.6961
Hunter-Lab	59.4338, -26.0849, 23.8534

Details

The CIELCh color **66, 43.278, 132.250** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **50, 44.907, 315.990**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 43.438, 132.399**, and **46, 43.343, 132.303** is the 20% darker color. If you saturate the color by 10%, you get **65, 53.135, 131.753**, and if you desaturate by 10%, it is **67, 33.042, 132.768**.

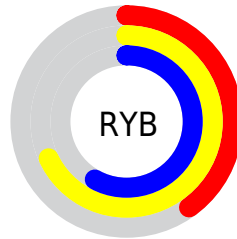
Distribution



Red (49%)

Green (68%)

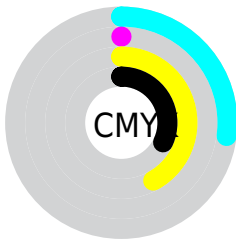
Blue (40%)



Red (40%)

Yellow (68%)

Blue (58%)

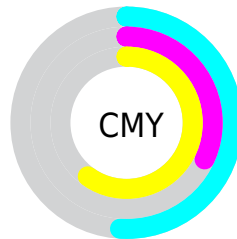


Cyan (27%)

Magenta (0%)

Yellow (42%)

Black (32%)



Cyan (51%)


Magenta (32%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 43.278, 132.250 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 66, 43.278, 132.250 by changing the saturation by 10% instead.


 66, 43.278,
132.250


 66, 43.278,
132.250


 100, 43.278,
132.250


 56, 43.278,
132.250


 86, 43.278,
132.250

 46, 43.278,
132.250

 96, 43.278,
132.250

 36, 43.278,
132.250

 26, 43.278,
132.250

 16, 43.278,
132.250

 6, 43.278, 132.250

 0, 43.278, 132.250

66, 43.278,
132.250

66, 43.278,
132.250

65, 53.135,
131.753

67, 33.042,
132.768

64, 62.348,
131.334

68, 22.609,
133.271

64, 70.568,
131.082

69, 12.113,
133.744

63, 77.363,
131.117

71, 1.651, 134.247

63, 82.329,
131.558

72, 8.711, 314.519

62, 85.273,
132.142

73, 18.924,
314.864

75, 28.955,
315.162

77, 38.784,
315.420

■ 78, 47.470,
316.114

Harmonies

Complementary

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



66, 43.278, 132.250



50, 44.907, 315.990

Rectangle

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



66, 43.278, 132.250



66, 43.278, 182.250



66, 43.278, 312.250



66, 43.278, 2.250

Sweetspot

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



66, 43.279, 132.251



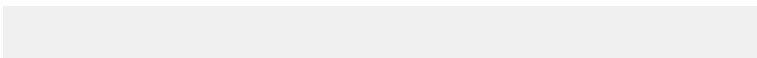
87, 15.486, 133.716



63, 28.362, 84.367



46, 10.263, 133.659



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 43.279, 132.251



83, 63.648, 131.787



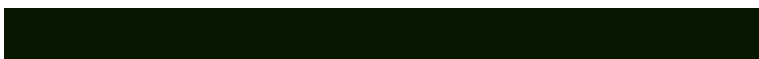
65, 43.401, 145.514



36, 5.917, 133.848



55, 76.756, 131.981



6, 12.715, 136.264

Inverse Universe

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



50, 44.907, 315.990



59, 66.561, 316.349



53, 43.397, 331.370



34, 5.972, 314.585



26, 81.429, 316.080



1, 12.210, 311.082

Previews

White Background



This preview shows how the CIELCh color 66, 43.278, 132.250 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 66, 43.278, 132.250 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 66, 43.278, 132.250

Background



This preview shows how black text looks on a background with the CIELCh color 66, 43.278, 132.250.



This preview shows how white text looks on a background with the CIELCh color 66, 43.278, 132.250.

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](#).

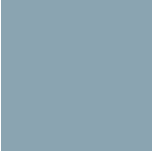
Dichromacy



Original Color
66, 43.278, 132.250

Protanopia
66, 35.422, 95.769

Deuteranopia
66, 31.331, 74.456



Tritanopia
66, 11.460, 237.970

Trichromacy



Original Color
66, 43.278, 132.250

Protanomaly
66, 36.323, 111.741

Deuteranomaly
65, 30.760, 100.461

Tritanomaly
66, 16.052, 159.649

Monochromacy



Original Color
66, 43.278, 132.250

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 15.965, 133.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 43.278, 132.250 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(126, 173, 101)` looks like.

```
.text, #text, p{  
    color:rgb(126, 173, 101)  
}
```

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(126, 173, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 173, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 43.278, 132.250 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(126, 173, 101) }
```

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

```
.border{ border-color:rgb(126, 173, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 173, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 173, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 173, 101);  
box-shadow:4px 4px 4px 4px rgb(126, 173,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 43.278, 132.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 173, 101) }
```

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

```
.background{ background-color: rgb(126,  
173, 101) }
```

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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