

Converting Colors

CIELCh(66, 29.944, 128.719)

Have a look what the booklet for
CIELCh(66, 29.944, 128.719)
contains.

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Color

CIELCh(66, 29.913, 128.727)

Conversions

Conversions Part 1

Format	Color
Hex	8EA976
RGB	142, 169, 118
RGB Percent	56%, 66%, 46%
CMY	0.4440, 0.3381, 0.5381
CMYK	0.16, 0.00, 0.30, 0.34
HSL	92°, 23%, 56%
HSV	92°, 30%, 66%
XYZ	28.5187, 35.3238, 22.3868
YIQ	155.1130, 0.2790, -21.5850

Conversions

Conversions Part 2

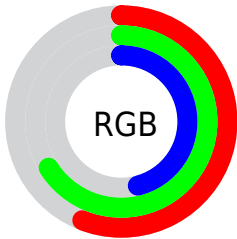
Format	Color
RYB	118, 169, 145
Decimal	9349494
CIELab	66.00, -18.71, 23.34
CIELCh	66, 29.913, 128.727
Yxy	35.3238, 0.3307, 0.4096
Android (android.graphics.Color)	4287539574 (0xFF8EA976)
YUV	155.1130, -18.2967, -11.5001
Hunter-Lab	59.4338, -18.3579, 19.2711

Details

The CIELCh color $66, 29.913, 128.727$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 31.094, 311.489$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 30.008, 128.613$, and $46, 30.053, 128.701$ is the 20% darker color. If you saturate the color by 10%, you get $65, 39.607, 128.254$, and if you desaturate by 10%, it is $67, 20.047, 129.206$.

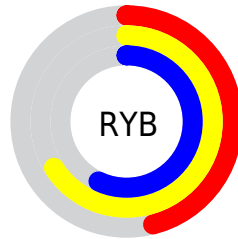
Distribution



Red (56%)

Green (66%)

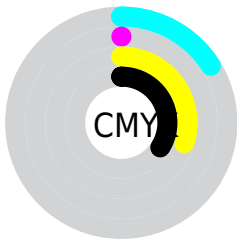
Blue (46%)



Red (46%)

Yellow (66%)

Blue (57%)

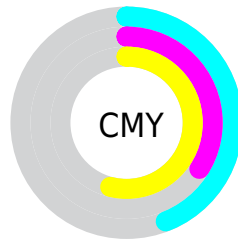


Cyan (16%)

Magenta (0%)

Yellow (30%)

Black (34%)



Cyan (44%)


Magenta (34%)


Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 29.913, 128.727 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, 29.913, 128.727 by changing the saturation by 10% instead.

 66, 29.913,
128.727


 66, 29.913,
128.727

 100, 29.913,
128.727


 56, 29.913,
128.727


 86, 29.913,
128.727


 46, 29.913,
128.727

 96, 29.913,
128.727

 36, 29.913,
128.727

 26, 29.913,
128.727

 16, 29.913,
128.727

 6, 29.913, 128.727

 0, 29.913, 128.727

■ 66, 29.913,
128.727

■ 66, 29.913,
128.727

■ 65, 39.607,
128.254

■ 67, 20.047,
129.206

■ 64, 48.968,
127.818

■ 68, 10.117,
129.668

■ 64, 57.769,
127.477

■ 69, 0.201, 130.644

■ 63, 65.696,
127.317

■ 70, 9.644, 310.464

■ 62, 72.351,
127.453

■ 72, 19.380,
310.825

■ 62, 77.337,
128.006

■ 73, 28.978,
311.147

■ 62, 80.748,
128.878

■ 74, 38.420,
311.432

■ 76, 47.692,
311.686

■ 77, 49.605,
314.635

Harmonies

Complementary

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



66, 29.913, 128.727



54, 31.094, 311.489

Rectangle

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



66, 29.913, 128.727



66, 29.913, 178.727



66, 29.913, 308.727



66, 29.913, 358.727

Sweetspot

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



66, 29.915, 128.729



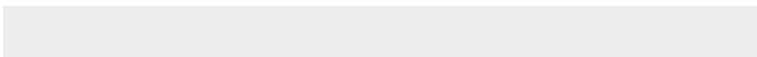
86, 11.030, 129.716



61, 18.187, 73.443



45, 7.656, 129.652



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 29.915, 128.729



83, 43.982, 128.421



65, 34.117, 142.804



35, 5.592, 129.710



54, 73.153, 128.701



5, 10.375, 132.319

Inverse Universe

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



54, 31.094, 311.489



65, 46.132, 311.815



56, 34.114, 326.511



33, 5.663, 310.478



23, 82.462, 312.788



1, 10.057, 307.528

Previews

White Background



This preview shows how the CIELCh color 66, 29.913, 128.727 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, 29.913, 128.727 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, 29.913, 128.727

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.913, 128.727.



This preview shows how white text looks on a background with the CIELCh color 66, 29.913, 128.727.

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](#).

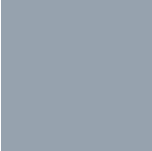
Dichromacy



Original Color
66, 29.913, 128.727

Protanopia
66, 25.743, 96.063

Deuteranopia
66, 23.336, 68.690



Tritanopia
66, 7.852, 257.294

Trichromacy



Original Color
66, 29.913, 128.727

Protanomaly
66, 26.229, 109.212

Deuteranomaly
66, 22.049, 94.663

Tritanomaly
66, 8.562, 158.431

Monochromacy



Original Color
66, 29.913, 128.727

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 11.259, 129.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.913, 128.727 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(142, 169, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 169, 118)  
}
```

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(142, 169, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 169, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.913, 128.727 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(142, 169, 118) }
```

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

```
.border{ border-color:rgb(142, 169, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 169, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 169, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 169, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 169,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.913, 128.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 169, 118) }
```

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

```
.background{ background-color: rgb(142,  
169, 118) }
```

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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