

Converting Colors

CIELCh(66, 41.520, 114.204)

Have a look what the booklet for
CIELCh(66, 41.520, 114.204)
contains.

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Color

CIELCh(66, 41.136, 114.282)

Conversions

Conversions Part 1

Format	Color
Hex	99A75B
RGB	153, 167, 91
RGB Percent	60%, 65%, 36%
CMY	0.3987, 0.3438, 0.6419
CMYK	0.08, 0.00, 0.45, 0.34
HSL	71°, 30%, 51%
HSV	71°, 45%, 66%
XYZ	28.9806, 35.3238, 15.2580
YIQ	154.1500, 16.0520, -26.6040

Conversions

Conversions Part 2

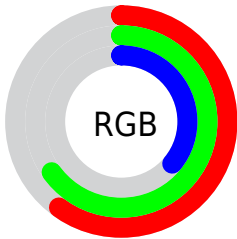
Format	Color
RYB	91, 167, 105
Decimal	10069851
CIELab	66.00, -16.92, 37.50
CIElCh	66, 41.136, 114.282
Yxy	35.3238, 0.3642, 0.4440
Android (android.graphics.Color)	4288259931 (0xFF99A75B)
YUV	154.1500, -31.1330, -1.0086
Hunter-Lab	59.4338, -16.9706, 26.3826

Details

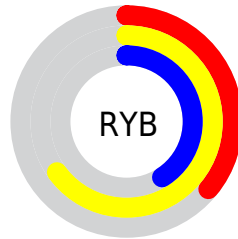
The CIELCh color **66, 41.136, 114.282** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **43, 45.913, 301.636**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 40.872, 114.031**, and **46, 41.173, 114.411** is the 20% darker color. If you saturate the color by 10%, you get **66, 49.373, 113.712**, and if you desaturate by 10%, it is **66, 32.430, 114.934**.

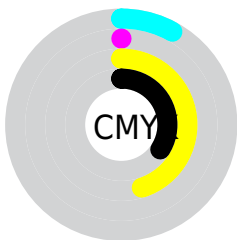
Distribution



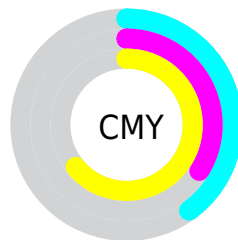
- Red (60%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (41%)



- Cyan (8%)
- Magenta (0%)
- Yellow (45%)
- Black (34%)





- Cyan (40%)
- Magenta (34%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 41.136, 114.282 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, 41.136, 114.282 by changing the saturation by 10% instead.


 66, 41.136,
114.282


 66, 41.136,
114.282


 100, 41.136,
114.282


 56, 41.136,
114.282


 86, 41.136,
114.282

 46, 41.136,
114.282

 96, 41.136,
114.282

 36, 41.136,
114.282

 26, 41.136,
114.282

 16, 41.136,
114.282

 6, 41.136, 114.282

 0, 41.136, 114.282

■ 66, 41.136,
114.282

■ 66, 41.136,
114.282

■ 66, 49.373,
113.712

■ 66, 32.430,
114.934

■ 65, 56.867,
113.272

■ 67, 23.434,
115.623

■ 65, 63.254,
113.038

■ 68, 14.273,
116.322

■ 65, 68.117,
113.096

■ 68, 5.028, 117.015

■ 64, 71.165,
113.513

■ 69, 4.245, 297.686

■ 64, 72.262,
113.755

■ 70, 13.507,
298.332

■ 70, 22.732,
298.946

■ 71, 31.898,
299.525

■ 72, 40.990,
300.067

Harmonies

Complementary

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



66, 41.136, 114.282



43, 45.913, 301.636

Rectangle

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



66, 41.136, 114.282



66, 41.136, 164.282



66, 41.136, 294.282



66, 41.136, 344.282

Sweetspot

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



66, 41.137, 114.284



85, 15.987, 116.405



51, 29.527, 38.113



46, 11.120, 116.259



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, 41.137, 114.284



83, 60.401, 113.683



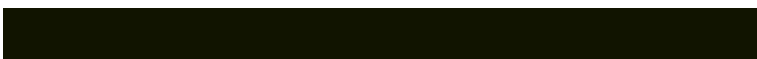
64, 46.256, 132.988



35, 5.264, 116.749



57, 65.971, 113.652



6, 9.710, 119.611

Inverse Universe

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



43, 45.913, 301.636



49, 69.748, 302.969



47, 47.919, 317.101



33, 5.371, 298.051



17, 87.828, 307.244



1, 9.629, 296.388

Previews

White Background



This preview shows how the CIELCh color 66, 41.136, 114.282 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, 41.136, 114.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

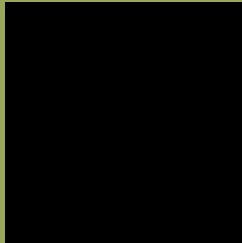
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 41.136, 114.282

Background



This preview shows how black text looks on a background with the CIELCh color 66, 41.136, 114.282.



This preview shows how white text looks on a background with the CIELCh color 66, 41.136, 114.282.

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, 41.136, 114.282

Protanopia
66, 39.071, 95.633

Deuteranopia
66, 37.289, 76.718



Tritanopia
66, 7.479, 305.314

Trichromacy



Original Color
66, 41.136, 114.282

Protanomaly
66, 39.344, 102.799

Deuteranomaly
66, 36.261, 90.916

Tritanomaly
66, 10.515, 113.385

Monochromacy



Original Color
66, 41.136, 114.282

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 15.604, 115.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 41.136, 114.282 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(153, 167, 91)` looks like.

```
.text, #text, p{  
    color:rgb(153, 167, 91)  
}
```

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(153, 167, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 167, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 41.136, 114.282 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(153, 167, 91) }
```

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

```
.border{ border-color:rgb(153, 167, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 167, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 167, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 167, 91);  
box-shadow:4px 4px 4px 4px rgb(153, 167,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 41.136, 114.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 167, 91) }
```

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

```
.background{ background-color: rgb(153,  
167, 91) }
```

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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