

Converting Colors

CIELCh(66, 12.934, 167.400)

Have a look what the booklet for
CIELCh(66, 12.934, 167.400)
contains.

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Color

CIELCh(66, 13.111, 167.809)

Conversions

Conversions Part 1

Format	Color
Hex	89A79B
RGB	137, 167, 155
RGB Percent	54%, 65%, 61%
CMY	0.4627, 0.3451, 0.3921
CMYK	0.18, 0.00, 0.07, 0.35
HSL	156°, 15%, 60%
HSV	156°, 18%, 65%
XYZ	30.0530, 35.3238, 36.2460
YIQ	156.6620, -14.0280, -10.0920

Conversions

Conversions Part 2

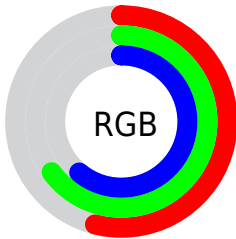
Format	Color
RYB	137, 156, 167
Decimal	9021339
CIELab	66.00, -12.82, 2.77
CIElCh	66, 13.111, 167.809
Yxy	35.3238, 0.2957, 0.3476
Android (android.graphics.Color)	4287211419 (0xFF89A79B)
YUV	156.6620, -0.8194, -17.2436
Hunter-Lab	59.4338, -13.7498, 5.4454

Details

The CIELCh color **66, 13.111, 167.809** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 13.574, 351.070**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 13.049, 167.012**, and **46, 12.973, 167.677** is the 20% darker color. If you saturate the color by 10%, you get **65, 20.241, 166.766**, and if you desaturate by 10%, it is **67, 5.835, 168.782**.

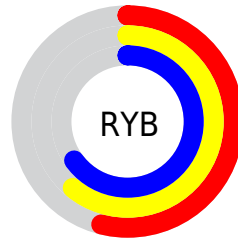
Distribution



Red (54%)

Green (65%)

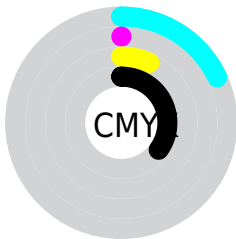
Blue (61%)



Red (54%)

Yellow (61%)

Blue (65%)

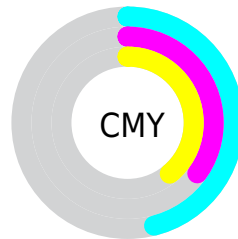


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (46%)


Magenta (35%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 13.111, 167.809 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, 13.111, 167.809 by changing the saturation by 10% instead.

 66, 13.111,
167.809


 66, 13.111,
167.809


 100, 13.111,
167.809


 56, 13.111,
167.809


 86, 13.111,
167.809


 46, 13.111,
167.809


 96, 13.111,
167.809

 36, 13.111,
167.809

 26, 13.111,
167.809

 16, 13.111,
167.809

 6, 13.111, 167.809

 0, 13.111, 167.809

■ 66, 13.111,
167.809

■ 66, 13.111,
167.809

■ 65, 20.241,
166.766

■ 67, 5.835, 168.782

■ 64, 27.113,
165.623

■ 69, 1.499, 349.323

■ 70, 8.814, 350.339

■ 63, 33.610,
164.353

■ 72, 16.053,
351.107

■ 62, 39.615,
162.932

■ 74, 23.172,
351.818

■ 61, 45.022,
161.335

■ 76, 30.142,
352.485

■ 61, 49.758,
159.542

■ 78, 36.946,
353.117

■ 61, 53.798,
157.543

■ 78, 38.789,
348.713

■ 60, 57.231,

155.385

■ 78, 40.556,
344.362

■ 60, 57.909,
154.961

Harmonies

Complementary

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



66, 13.111, 167.809



60, 13.574, 351.070

Rectangle

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



66, 13.111, 167.809



66, 13.111, 217.809



66, 13.111, 347.809



66, 13.111, 37.809

Sweetspot

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



66, 13.112, 167.806



86, 4.529, 169.075



66, 17.912, 131.159



46, 3.115, 169.004



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, 13.112, 167.806



83, 19.791, 167.356



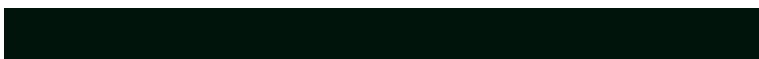
66, 9.983, 206.630



35, 4.171, 168.653



54, 52.722, 155.211



5, 8.051, 164.879

Inverse Universe

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



60, 13.574, 351.070



74, 20.666, 351.553



60, 11.240, 27.598



33, 4.249, 350.185



31, 56.408, 10.658



2, 7.390, 352.960

Previews

White Background



This preview shows how the CIELCh color 66, 13.111, 167.809 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, 13.111, 167.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

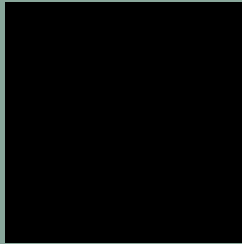
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 13.111, 167.809

Background



This preview shows how black text looks on a background with the CIELCh color 66, 13.111, 167.809.



This preview shows how white text looks on a background with the CIELCh color 66, 13.111, 167.809.

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, 13.111, 167.809

Protanopia
66, 4.990, 81.633

Deuteranopia
66, 8.341, 8.718



Tritanopia
66, 10.698, 241.415

Trichromacy



Original Color
66, 13.111, 167.809

Protanomaly
66, 6.174, 135.504

Deuteranomaly
66, 1.585, 63.350

Tritanomaly
66, 9.231, 212.656

Monochromacy



Original Color
66, 13.111, 167.809

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.042, 165.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 13.111, 167.809 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(137, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(137, 167, 155)  
}
```

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(137, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 167, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 13.111, 167.809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

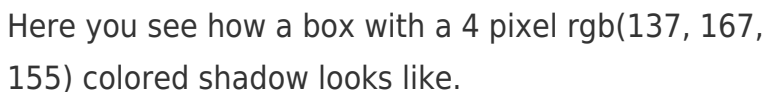
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 167, 155) }
```

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

```
.border{ border-color:rgb(137, 167, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 167, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 167, 155); box-shadow:4px 4px 4px 4px rgb(137, 167, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 13.111, 167.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 167, 155) }
```

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

```
.background{ background-color: rgb(137,  
167, 155) }
```

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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