

Converting Colors

CIELCh(65, 26.571, 108.885)

Have a look what the booklet for
CIELCh(65, 26.571, 108.885)
contains.

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Color

CIELCh(65, 26.818, 109.091)

Conversions

Conversions Part 1

Format	Color
Hex	9FA170
RGB	159, 161, 112
RGB Percent	62%, 63%, 44%
CMY	0.3763, 0.3685, 0.5606
CMYK	0.01, 0.00, 0.30, 0.37
HSL	62°, 21%, 54%
HSV	62°, 30%, 63%
XYZ	29.9826, 34.0472, 20.3305
YIQ	154.8160, 14.5370, -15.6630

Conversions

Conversions Part 2

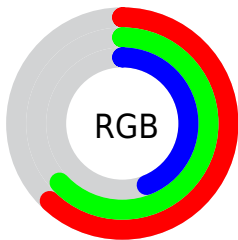
Format	Color
RYB	112, 161, 114
Decimal	10461552
CIELab	65.00, -8.77, 25.34
CIELCh	65, 26.818, 109.091
Yxy	34.0472, 0.3554, 0.4036
Android (android.graphics.Color)	4288651632 (0xFF9FA170)
YUV	154.8160, -21.1083, 3.6694
Hunter-Lab	58.3500, -10.3918, 20.1870

Details

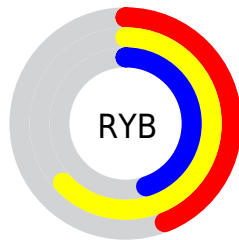
The CIELCh color **65, 26.818, 109.091** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 28.830, 295.183**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.041, 109.507**, and **45, 27.311, 109.206** is the 20% darker color. If you saturate the color by 10%, you get **65, 35.315, 108.231**, and if you desaturate by 10%, it is **65, 18.106, 109.980**.

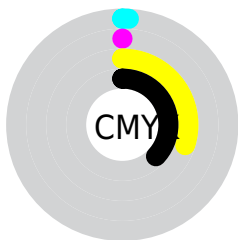
Distribution



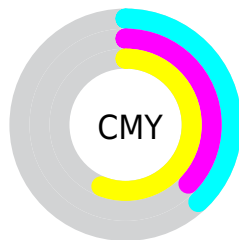
- Red (62%)
- Green (63%)
- Blue (44%)



- Red (44%)
- Yellow (63%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)





- Cyan (38%)
- Magenta (37%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.818, 109.091 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 65, 26.818, 109.091 by changing the saturation by 10% instead.


 65, 26.818,
109.091


 65, 26.818,
109.091


 100, 26.818,
109.091


 55, 26.818,
109.091


 85, 26.818,
109.091

 45, 26.818,
109.091

 95, 26.818,
109.091

 35, 26.818,
109.091

 25, 26.818,
109.091

 15, 26.818,
109.091

 5, 26.818, 109.091

 0, 26.818, 109.091

■ 65, 26.818,
109.091

■ 65, 26.818,
109.091

■ 65, 35.315,
108.231

■ 65, 18.106,
109.980

■ 64, 43.445,
107.414

■ 66, 9.270, 110.868

■ 64, 50.989,
106.678

■ 66, 0.375, 111.640

■ 67, 8.537, 292.613

■ 64, 57.632,
106.065

■ 67, 17.438,
293.438

■ 64, 62.981,
105.623

■ 68, 26.307,
294.231

■ 64, 66.652,
105.398

■ 69, 35.129,
294.987

■ 64, 68.813,
105.353

■ 69, 43.892,
295.702

■ 70, 51.528,
296.323

Harmonies

Complementary

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



65, 26.818, 109.091



49, 28.830, 295.183

Rectangle

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



65, 26.818, 109.091



65, 26.818, 159.091



65, 26.818, 289.091



65, 26.818, 339.091

Sweetspot

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



65, 26.819, 109.094



83, 9.896, 110.979



53, 20.299, 24.377



44, 6.861, 110.858



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 26.819, 109.094



82, 40.091, 108.463



63, 29.028, 128.857



34, 5.083, 110.969



58, 63.832, 105.332



5, 7.955, 112.305

Inverse Universe

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



49, 28.830, 295.183



58, 44.020, 296.255



51, 30.165, 311.620



32, 5.193, 292.661



16, 87.794, 306.448



0, 7.952, 291.636

Previews

White Background



This preview shows how the CIELCh color 65, 26.818, 109.091 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 65, 26.818, 109.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

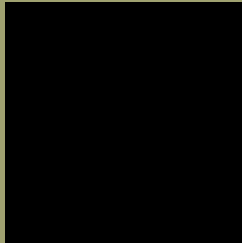
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.818, 109.091

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.818, 109.091.



This preview shows how white text looks on a background with the CIELCh color 65, 26.818, 109.091.

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
65, 26.818, 109.091

Protanopia
65, 26.330, 96.173

Deuteranopia
65, 25.950, 71.289



Tritanopia
65, 8.112, 324.803

Trichromacy



Original Color
65, 26.818, 109.091

Protanomaly
65, 26.489, 100.885

Deuteranomaly
65, 25.101, 85.626

Tritanomaly
65, 6.524, 88.212

Monochromacy



Original Color
65, 26.818, 109.091

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.984, 111.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.818, 109.091 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(159, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(159, 161, 112)  
}
```

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(159, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 161, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.818, 109.091 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(159, 161, 112) }
```

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

```
.border{ border-color:rgb(159, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(159, 161,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.818, 109.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 161, 112) }
```

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

```
.background{ background-color: rgb(159,  
161, 112) }
```

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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