

Converting Colors

CIELCh(26, 27.847, 118.287)

Have a look what the booklet for
CIELCh(26, 27.847, 118.287)
contains.

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Color

CIELCh(26, 27.861, 118.453)

Conversions

Conversions Part 1

Format	Color
Hex	354216
RGB	53, 66, 22
RGB Percent	21%, 26%, 9%
CMY	0.7912, 0.7402, 0.9128
CMYK	0.20, 0.00, 0.66, 0.74
HSL	78°, 50%, 17%
HSV	78°, 66%, 26%
XYZ	3.5900, 4.7465, 1.4975
YIQ	57.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

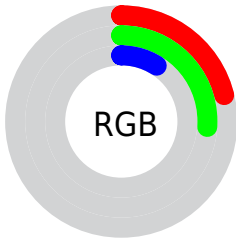
Format	Color
R_{YB}	22, 66, 35
Decimal	3490326
CIE _{Lab}	26.00, -13.27, 24.50
CIE _{LCh}	26, 27.861, 118.453
Yxy	4.7465, 0.3651, 0.4827
Android (android.graphics.Color)	4281680406 (0xFF354216)
YUV	57.0970, -17.3028, -3.5931
Hunter-Lab	21.7865, -8.7127, 11.1752

Details

The CIELCh color **26, 27.861, 118.453** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12, 31.909, 306.265**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 27.823, 118.575**, and **6, 14.818, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 31.304, 118.241**, and if you desaturate by 10%, it is **26, 24.064, 118.811**.

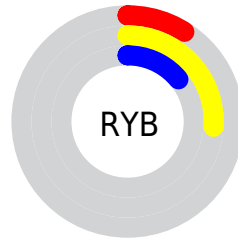
Distribution



Red (21%)

Green (26%)

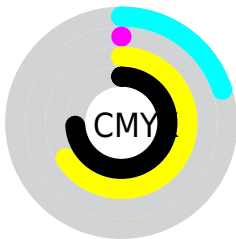
Blue (9%)



Red (9%)

Yellow (26%)

Blue (14%)

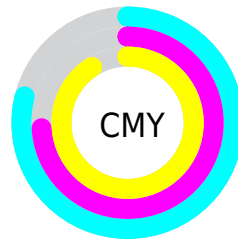


Cyan (20%)

Magenta (0%)

Yellow (66%)

Black (74%)



Cyan (79%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 27.861, 118.453 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 26, 27.861, 118.453 by changing the saturation by 10% instead.

 26, 27.861,
118.453


 26, 27.861,
118.453

 100, 27.861,
118.453

 16, 27.861,
118.453


 46, 27.861,
118.453


 6, 27.861, 118.453

 56, 27.861,
118.453

 0, 27.861, 118.453

 66, 27.861,
118.453

 76, 27.861,
118.453

 86, 27.861,
118.453

 96, 27.861,

118.453

■ 26, 27.861,
118.453

■ 26, 27.861,
118.453

■ 26, 31.304,
118.241

■ 26, 24.064,
118.811

■ 26, 34.259,
118.233

■ 27, 20.026,
119.257

■ 25, 37.072,
118.262

■ 27, 15.831,
119.753

■ 25, 38.075,
118.273

■ 27, 11.539,
120.272

■ 27, 7.192, 120.795

■ 28, 2.818, 121.312

■ 28, 1.561, 301.787

■ 29, 5.930, 302.271

■ 29, 10.277,
302.722

Harmonies

Complementary

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



26, 27.861, 118.453



12, 31.909, 306.265

Rectangle

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



26, 27.861, 118.453



26, 27.861, 168.453



26, 27.861, 298.453



26, 27.861, 348.453

Sweetspot

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



26, 27.861, 118.455



36, 10.933, 120.564



18, 20.143, 47.408



17, 7.339, 120.506



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 27.861, 118.455



34, 40.084, 118.213



25, 31.818, 134.931



13, 2.435, 121.205



37, 49.980, 118.777



82, 92.776, 119.834

Inverse Universe

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



12, 31.909, 306.265



13, 48.037, 307.558



15, 32.553, 320.650



11, 2.473, 302.064



10, 63.495, 308.850



31, 118.169, 308.155

Previews

White Background



This preview shows how the CIELCh color 26, 27.861, 118.453 looks on a white 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

Black Background



This preview shows how the CIELCh color 26, 27.861, 118.453 looks on a black 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

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

CIELCh 26, 27.861, 118.453

Background



This preview shows how black text looks on a background with the CIELCh color 26, 27.861, 118.453.



This preview shows how white text looks on a background with the CIELCh color 26, 27.861, 118.453.

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

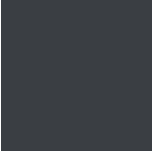
26, 27.861, 118.453

Protanopia

26, 25.798, 96.531

Deuteranopia

26, 23.697, 80.158



Tritanopia
26, 3.666, 262.837

Trichromacy



Original Color
26, 27.861, 118.453

Protanomaly
26, 26.506, 105.857

Deuteranomaly
26, 23.642, 96.209

Tritanomaly
26, 9.264, 132.224

Monochromacy



Original Color
26, 27.861, 118.453

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 10.638, 118.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 27.861, 118.453 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(53, 66, 22)` looks like.

```
.text, #text, p{  
    color:rgb(53, 66, 22)  
}
```

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(53, 66, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 66, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 27.861, 118.453 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(53, 66, 22) }
```

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

```
.border{ border-color:rgb(53, 66, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 66, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 66, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 66, 22);  
box-shadow:4px 4px 4px 4px rgb(53, 66, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 27.861, 118.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 66, 22) }
```

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

```
.background{ background-color: rgb(53, 66,  
22) }
```

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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