

Converting Colors

CIELCh(26, 35.305, 294.651)

Have a look what the booklet for
CIELCh(26, 35.305, 294.651)
contains.

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Color

CIELCh(26, 35.919, 295.013)

Conversions

Conversions Part 1

Format	Color
Hex	34386F
RGB	52, 56, 111
RGB Percent	20%, 22%, 44%
CMY	0.7949, 0.7794, 0.5635
CMYK	0.53, 0.49, 0.00, 0.56
HSL	236°, 36%, 32%
HSV	236°, 53%, 44%
XYZ	5.7447, 4.7465, 15.7395
YIQ	61.0740, -20.0390, 16.2570

Conversions

Conversions Part 2

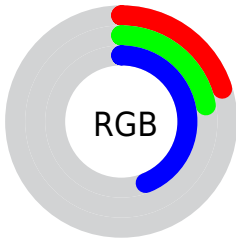
Format	Color
R_{YB}	52, 56, 111
Decimal	3422319
CIE _{Lab}	26.00, 15.19, -32.55
CIE _{LCh}	26, 35.919, 295.013
Yxy	4.7465, 0.2190, 0.1810
Android (android.graphics.Color)	4281612399 (0xFF34386F)
YUV	61.0740, 24.6135, -7.9579
Hunter-Lab	21.7865, 8.9413, -27.5832

Details

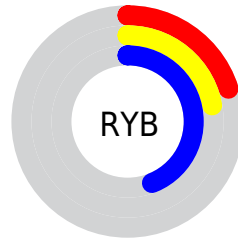
The CIELCh color **26, 35.919, 295.013** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **45, 31.790, 102.200**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 35.683, 294.872**, and **6, 36.351, 296.712** is the 20% darker color. If you saturate the color by 10%, you get **22, 43.490, 297.164**, and if you desaturate by 10%, it is **30, 28.583, 293.089**.

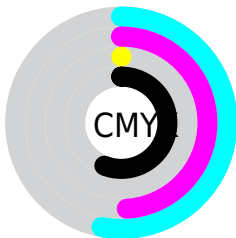
Distribution



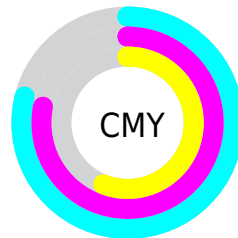
- Red (20%)
- Green (22%)
- Blue (44%)



- Red (20%)
- Yellow (22%)
- Blue (44%)



- Cyan (53%)
- Magenta (49%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 35.919, 295.013 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, 35.919, 295.013 by changing the saturation by 10% instead.

■ 26, 35.919,
295.013

■ 26, 35.919,
295.013

■ 100, 35.919,
295.013

■ 16, 35.919,
295.013

■ 46, 35.919,
295.013

■ 6, 35.919, 295.013

■ 56, 35.919,
295.013

■ 0, 35.919, 295.013

■ 66, 35.919,
295.013

■ 76, 35.919,
295.013

■ 86, 35.919,
295.013

■ 96, 35.919,

295.013

■ 26, 35.919,
295.013

■ 26, 35.919,
295.013

■ 22, 43.490,
297.164

■ 30, 28.583,
293.089

■ 19, 51.162,
299.468

■ 34, 21.519,
291.407

■ 15, 58.598,
301.767

■ 38, 14.722,
289.956

■ 13, 65.152,
303.807

■ 42, 8.175, 288.713

■ 11, 68.931,
304.832

■ 46, 1.861, 287.668

■ 50, 4.238, 106.702

■ 54, 10.138,
105.917

■ 57, 15.850,
105.233

■ 61, 21.386,
104.636

Harmonies

Complementary

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



26, 35.919, 295.013



45, 31.790, 102.200

Rectangle

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



26, 35.919, 295.013



26, 35.919, 345.013



26, 35.919, 115.013



26, 35.919, 165.013

Sweetspot

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



26, 35.919, 295.014



52, 12.594, 289.117



43, 20.737, 188.768



26, 8.593, 289.307



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



26, 35.919, 295.014



29, 55.236, 297.780



27, 39.023, 309.079



21, 3.535, 288.269



13, 72.966, 304.948



32, 127.935, 305.685

Inverse Universe

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



30, 28.256, 20.305



36, 43.302, 23.415



44, 35.648, 123.671



22, 2.656, 14.419



24, 56.217, 35.098



52, 99.521, 38.019

Previews

White Background



This preview shows how the CIE LCh color 26, 35.919, 295.013 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 CIE LCh color 26, 35.919, 295.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

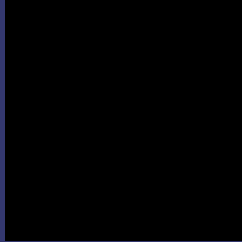
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 35.919, 295.013

Background



This preview shows how black text looks on a background with the CIELCh color 26, 35.919, 295.013.



This preview shows how white text looks on a background with the CIELCh color 26, 35.919, 295.013.

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, 35.919, 295.013

Protanopia

26, 36.125, 285.823

Deuteranopia

26, 31.819, 275.744



Tritanopia
26, 10.734, 215.765

Trichromacy



Original Color
26, 35.919, 295.013

Protanomaly
26, 35.976, 288.610

Deuteranomaly
26, 32.553, 281.459

Tritanomaly
26, 16.675, 270.878

Monochromacy



Original Color
26, 35.919, 295.013

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 13.151, 291.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 35.919, 295.013 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(52, 56, 111)` looks like.

```
.text, #text, p{  
    color:rgb(52, 56, 111)  
}
```

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(52, 56, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 56, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 35.919, 295.013 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(52, 56, 111) }
```

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

```
.border{ border-color:rgb(52, 56, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 56, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 56, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 56, 111);  
box-shadow:4px 4px 4px 4px rgb(52, 56,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 35.919, 295.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 56, 111) }
```

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

```
.background{ background-color: rgb(52, 56,  
111) }
```

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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