

Converting Colors

CIELCh(26, 30.230, 357.552)

Have a look what the booklet for
CIELCh(26, 30.230, 357.552)
contains.

CIELCh(26, 30.082, 358.352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(26, 30.082, 358.352)

Conversions

Conversions Part 1

Format	Color
Hex	662940
RGB	102, 41, 64
RGB Percent	40%, 16%, 25%
CMY	0.6010, 0.8401, 0.7499
CMYK	0.00, 0.60, 0.37, 0.60
HSL	337°, 43%, 28%
HSV	337°, 60%, 40%
XYZ	7.1535, 4.7465, 5.3556
YIQ	61.8610, 28.9730, 20.0850

Conversions

Conversions Part 2

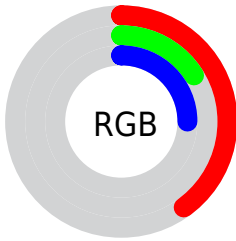
Format	Color
RYB	102, 41, 64
Decimal	6695232
CIELab	26.00, 30.07, -0.87
CIELCh	26, 30.082, 358.352
Yxy	4.7465, 0.4146, 0.2751
Android (android.graphics.Color)	4284885312 (0xFF662940)
YUV	61.8610, 1.0545, 35.2019
Hunter-Lab	21.7865, 20.4833, 0.6758

Details

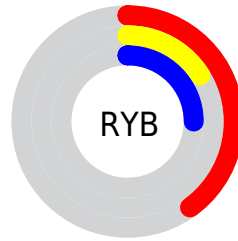
The CIELCh color **26, 30.082, 358.352** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39, 26.797, 164.469**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 30.167, 357.653**, and **7, 27.451, 0.869** is the 20% darker color. If you saturate the color by 10%, you get **24, 34.366, 0.589**, and if you desaturate by 10%, it is **28, 25.300, 356.533**.

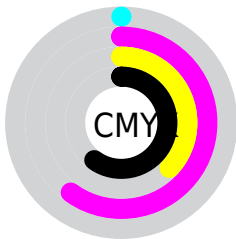
Distribution



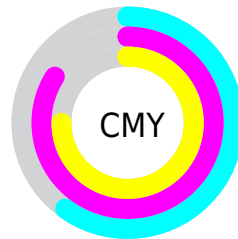
- Red (40%)
- Green (16%)
- Blue (25%)



- Red (40%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (37%)
- Black (60%)





- Cyan (60%)
- Magenta (84%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 30.082, 358.352 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, 30.082, 358.352 by changing the saturation by 10% instead.

 26, 30.082,
358.352


 26, 30.082,
358.352

 100, 30.082,
358.352


 16, 30.082,
358.352


 46, 30.082,
358.352


 6, 30.082, 358.352

 56, 30.082,
358.352

 0, 30.082, 358.352

 66, 30.082,
358.352

 76, 30.082,
358.352

 86, 30.082,
358.352

 96, 30.082,

358.352

■ 26, 30.082,
358.352

■ 26, 30.082,
358.352

■ 24, 34.366, 0.589

■ 28, 25.300,
356.533

■ 22, 37.940, 3.375

■ 31, 20.239,
355.021

■ 21, 40.648, 6.860

■ 20, 43.104, 10.556

■ 34, 15.071,
353.739

■ 20, 43.122, 10.580

■ 37, 9.921, 352.627

■ 40, 4.872, 351.631

■ 43, 0.030, 180.063

■ 46, 4.759, 170.111

■ 49, 9.307, 169.381

■ 53, 13.677,
168.730

Harmonies

Complementary

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



26, 30.082, 358.352



39, 26.797, 164.469

Rectangle

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



26, 30.082, 358.352



26, 30.082, 48.352



26, 30.082, 178.352



26, 30.082, 228.352

Sweetspot

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



26, 30.080, 358.354



48, 11.117, 352.481



24, 41.495, 315.440



23, 7.685, 352.704



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



26, 30.080, 358.354



31, 43.432, 1.672



27, 28.284, 33.887



19, 2.755, 351.533



23, 47.016, 11.377



51, 82.206, 14.881

Inverse Universe

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



26, 30.080, 358.354



31, 43.432, 1.672



37, 18.106, 211.502



19, 2.755, 351.533



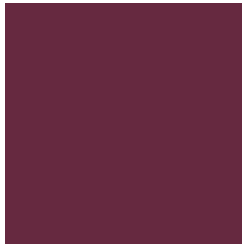
23, 47.016, 11.377



51, 82.206, 14.881

Previews

White Background



This preview shows how the CIE LCh color 26, 30.082, 358.352 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, 30.082, 358.352 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, 30.082, 358.352

Background



This preview shows how black text looks on a background with the CIELCh color 26, 30.082, 358.352.



This preview shows how white text looks on a background with the CIELCh color 26, 30.082, 358.352.

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, 30.082, 358.352

Protanopia

26, 9.849, 285.038

Deuteranopia

26, 4.188, 11.193



Tritanopia
26, 27.554, 21.795

Trichromacy



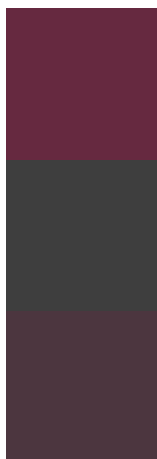
Original Color
26, 30.082, 358.352

Protanomaly
26, 14.905, 330.122

Deuteranomaly
26, 14.111, 357.972

Tritanomaly
26, 27.952, 13.199

Monochromacy



Original Color
26, 30.082, 358.352

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 11.616, 351.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 30.082, 358.352 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(102, 41, 64)` looks like.

```
.text, #text, p{  
    color:rgb(102, 41, 64)  
}
```

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(102, 41, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 41, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 30.082, 358.352 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(102, 41, 64) }
```

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

```
.border{ border-color:rgb(102, 41, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 41, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 41, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 41, 64);  
box-shadow:4px 4px 4px 4px rgb(102, 41,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 30.082, 358.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 41, 64) }
```

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

```
.background{ background-color: rgb(102, 41,  
64) }
```

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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