

Converting Colors

CIELCh(30, 26.254, 338.265)

Have a look what the booklet for
CIELCh(30, 26.254, 338.265)
contains.

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Color

CIELCh(30, 26.138, 338.213)

Conversions

Conversions Part 1

Format	Color
Hex	643856
RGB	100, 56, 86
RGB Percent	39%, 22%, 34%
CMY	0.6072, 0.7798, 0.6621
CMYK	0.00, 0.44, 0.14, 0.61
HSL	319°, 28%, 31%
HSV	319°, 44%, 39%
XYZ	8.3809, 6.2359, 9.5987
YIQ	72.5760, 16.5940, 18.6580

Conversions

Conversions Part 2

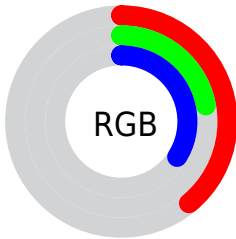
Format	Color
R_{YB}	100, 56, 86
Decimal	6568022
CIE _{Lab}	30.00, 24.27, -9.70
CIE _{LCh}	30, 26.138, 338.213
Yxy	6.2359, 0.3461, 0.2575
Android (android.graphics.Color)	4284758102 (0xFF643856)
YUV	72.5760, 6.6180, 24.0508
Hunter-Lab	24.9718, 16.2068, -5.3096

Details

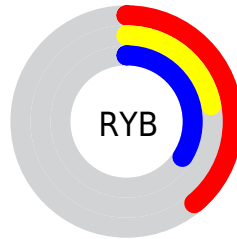
The CIELCh color **30, 26.138, 338.213** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39, 25.794, 151.369**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 26.355, 337.998**, and **10, 26.232, 338.267** is the 20% darker color. If you saturate the color by 10%, you get **28, 31.608, 339.100**, and if you desaturate by 10%, it is **33, 20.316, 337.399**.

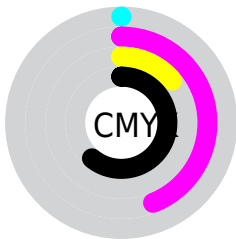
Distribution



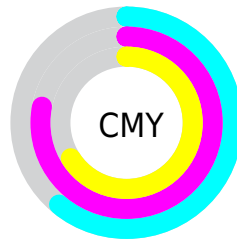
- Red (39%)
- Green (22%)
- Blue (34%)



- Red (39%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (44%)
- Yellow (14%)
- Black (61%)





- Cyan (61%)
- Magenta (78%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 26.138, 338.213 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 30, 26.138, 338.213 by changing the saturation by 10% instead.


 30, 26.138,
338.213


 30, 26.138,
338.213

 100, 26.138,
338.213


 20, 26.138,
338.213


 50, 26.138,
338.213


 10, 26.138,
338.213

 60, 26.138,
338.213

 0, 26.138, 338.213

 70, 26.138,
338.213

 80, 26.138,
338.213

 90, 26.138,
338.213

■ 30, 26.138,
338.213

■ 30, 26.138,
338.213

■ 28, 31.608,
339.100

■ 33, 20.316,
337.399

■ 25, 36.504,
340.083

■ 35, 14.328,
336.641

■ 24, 40.568,
341.197

■ 38, 8.303, 335.925

■ 22, 43.555,
342.493

■ 41, 2.330, 335.198

■ 21, 45.419,
344.005

■ 44, 3.534, 154.722

■ 21, 46.494,
344.914

■ 47, 9.256, 154.096

■ 50, 14.819,
153.532

■ 54, 20.218,
153.004

■ 57, 25.453,

Harmonies

Complementary

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



30, 26.138, 338.213



39, 25.794, 151.369

Rectangle

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



30, 26.138, 338.213



30, 26.138, 28.213



30, 26.138, 158.213



30, 26.138, 208.213

Sweetspot

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



30, 26.136, 338.214



50, 9.594, 335.886



27, 29.174, 305.310



25, 6.773, 336.004



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



30, 26.136, 338.214



36, 38.446, 339.156



29, 20.930, 9.667



20, 3.382, 335.575



24, 51.034, 345.267



54, 87.500, 346.671

Inverse Universe

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



30, 26.136, 338.214



36, 38.446, 339.156



39, 17.388, 180.657



20, 3.382, 335.575



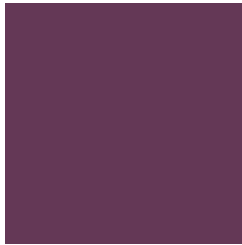
24, 51.034, 345.267



54, 87.500, 346.671

Previews

White Background



This preview shows how the CIE LCh color 30, 26.138, 338.213 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 30, 26.138, 338.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

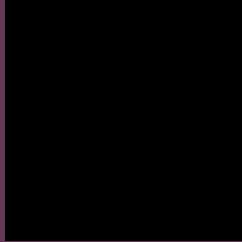
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 26.138, 338.213

Background



This preview shows how black text looks on a background with the CIELCh color 30, 26.138, 338.213.



This preview shows how white text looks on a background with the CIELCh color 30, 26.138, 338.213.

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

30, 26.138, 338.213

Protanopia

30, 16.715, 285.526

Deuteranopia

30, 9.721, 299.217



Tritanopia
30, 17.914, 12.750

Trichromacy



Original Color
30, 26.138, 338.213

Protanomaly
30, 18.061, 308.514

Deuteranomaly
30, 15.464, 321.536

Tritanomaly
30, 19.798, 356.926

Monochromacy



Original Color
30, 26.138, 338.213

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 9.898, 336.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 26.138, 338.213 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(100, 56, 86)` looks like.

```
.text, #text, p{  
    color:rgb(100, 56, 86)  
}
```

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(100, 56, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 56, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 26.138, 338.213 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(100, 56, 86) }
```

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

```
.border{ border-color:rgb(100, 56, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 56, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 56, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 56, 86);  
box-shadow:4px 4px 4px 4px rgb(100, 56,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 26.138, 338.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 56, 86) }
```

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

```
.background{ background-color: rgb(100, 56,  
86) }
```

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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