

Converting Colors

CIELCh(38, 26.316, 259.502)

Have a look what the booklet for
CIELCh(38, 26.316, 259.502)
contains.

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Color

CIELCh(38, 26.308, 259.142)

Conversions

Conversions Part 1

Format	Color
Hex	295E83
RGB	41, 94, 131
RGB Percent	16%, 37%, 51%
CMY	0.8398, 0.6318, 0.4868
CMYK	0.69, 0.28, 0.00, 0.49
HSL	205°, 52%, 34%
HSV	205°, 69%, 51%
XYZ	8.9889, 10.0881, 22.9012
YIQ	82.3710, -43.4650, 0.2710

Conversions

Conversions Part 2

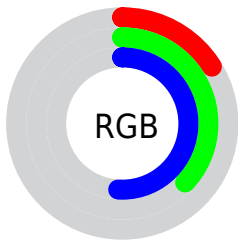
Format	Color
RYB	41, 74, 131
Decimal	2711171
CIELab	38.00, -4.96, -25.84
CIElCh	38, 26.308, 259.142
Yxy	10.0881, 0.2141, 0.2403
Android (android.graphics.Color)	4280901251 (0xFF295E83)
YUV	82.3710, 23.9741, -36.2824
Hunter-Lab	31.7617, -5.0656, -20.5169

Details

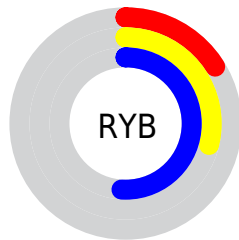
The CIELCh color **38, 26.308, 259.142** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **39, 36.131, 58.649**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 26.270, 259.357**, and **19, 24.316, 268.541** is the 20% darker color. If you saturate the color by 10%, you get **36, 29.429, 262.926**, and if you desaturate by 10%, it is **40, 23.016, 255.905**.

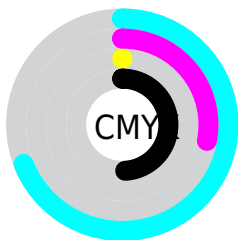
Distribution



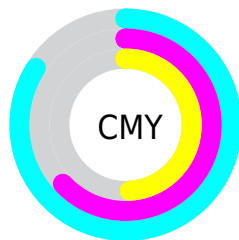
- Red (16%)
- Green (37%)
- Blue (51%)



- Red (16%)
- Yellow (29%)
- Blue (51%)



- Cyan (69%)
- Magenta (28%)
- Yellow (0%)
- Black (49%)




- Cyan (84%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 26.308, 259.142 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 38, 26.308, 259.142 by changing the saturation by 10% instead.


 38, 26.308,
259.142


 38, 26.308,
259.142

 100, 26.308,
259.142


 28, 26.308,
259.142

 58, 26.308,
259.142


 18, 26.308,
259.142


 68, 26.308,
259.142

 8, 26.308, 259.142

 78, 26.308,
259.142

 0, 26.308, 259.142

 88, 26.308,
259.142

 98, 26.308,
259.142

■ 38, 26.308,
259.142

■ 38, 26.308,
259.142

■ 36, 29.429,
262.926

■ 40, 23.016,
255.905

■ 34, 32.443,
267.232

■ 43, 19.527,
253.182

■ 32, 35.482,
271.742

■ 45, 15.836,
250.918

■ 32, 35.867,
272.253

■ 47, 11.959,
249.044

■ 50, 7.922, 247.500

■ 52, 3.752, 246.251

■ 55, 0.521, 64.474

■ 58, 4.871, 64.117

■ 60, 9.276, 63.384

Harmonies

Complementary

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



38, 26.308, 259.142



39, 36.131, 58.649

Rectangle

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



38, 26.308, 259.142



38, 26.308, 309.142



38, 26.308, 79.142



38, 26.308, 129.142

Sweetspot

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



38, 26.307, 259.142



63, 10.971, 247.887



49, 44.941, 151.146



32, 7.458, 248.240



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



38, 26.307, 259.142



46, 38.020, 265.513



25, 52.774, 297.510



27, 2.435, 246.290



32, 35.686, 272.219



0, 0.589, 245.222

Inverse Universe

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



32, 45.165, 346.131



39, 61.885, 349.130



51, 44.346, 98.822



26, 3.948, 339.774



28, 53.050, 352.817



0, 0.937, 339.143

Previews

White Background



This preview shows how the CIE LCh color 38, 26.308, 259.142 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 × Fail

Black Background



This preview shows how the CIE LCh color 38, 26.308, 259.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

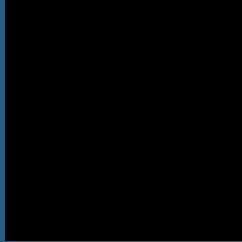
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

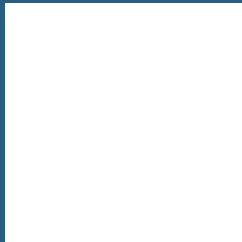
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 26.308, 259.142

Background



This preview shows how black text looks on a background with the CIELCh color 38, 26.308, 259.142.

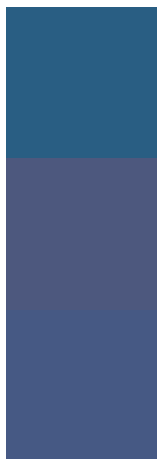


This preview shows how white text looks on a background with the CIELCh color 38, 26.308, 259.142.

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

38, 26.308, 259.142

Protanopia

38, 23.537, 284.603

Deuteranopia

38, 26.844, 281.051



Tritanopia
38, 21.816, 210.127

Trichromacy



Original Color
38, 26.308, 259.142

Protanomaly
38, 24.409, 273.795

Deuteranomaly
38, 26.513, 272.279

Tritanomaly
38, 21.635, 228.560

Monochromacy



Original Color
38, 26.308, 259.142

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 11.038, 251.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 26.308, 259.142 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(41, 94, 131)` looks like.

```
.text, #text, p{  
    color:rgb(41, 94, 131)  
}
```

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(41, 94, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 94, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 26.308, 259.142 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(41, 94, 131) }
```

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

```
.border{ border-color:rgb(41, 94, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 94, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 94, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 94, 131);  
box-shadow:4px 4px 4px 4px rgb(41, 94,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 26.308, 259.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 94, 131) }
```

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

```
.background{ background-color: rgb(41, 94,  
131) }
```

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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