

Converting Colors

CIELCh(35, 27.058, 260.512)

Have a look what the booklet for
CIELCh(35, 27.058, 260.512)
contains.

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Color

CIELCh(35, 27.126, 260.162)

Conversions

Conversions Part 1

Format	Color
Hex	1D577D
RGB	29, 87, 125
RGB Percent	11%, 34%, 49%
CMY	0.8844, 0.6602, 0.5113
CMYK	0.76, 0.30, 0.00, 0.51
HSL	204°, 62%, 30%
HSV	204°, 76%, 49%
XYZ	7.5772, 8.4984, 20.5156
YIQ	73.9900, -46.7660, -0.4780

Conversions

Conversions Part 2

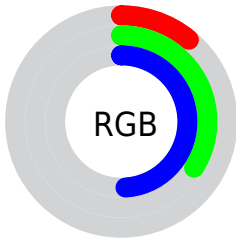
Format	Color
R_{YB}	29, 65, 125
Decimal	1922941
CIE _{Lab}	35.00, -4.63, -26.73
CIE _{LCh}	35, 27.126, 260.162
Yxy	8.4984, 0.2071, 0.2323
Android (android.graphics.Color)	4280113021 (0xFF1D577D)
YUV	73.9900, 25.1479, -39.4562
Hunter-Lab	29.1520, -4.6199, -21.3188

Details

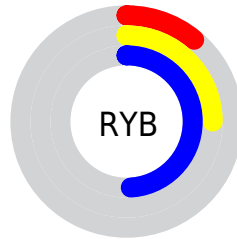
The CIELCh color **35, 27.126, 260.162** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35, 39.204, 56.932**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 27.089, 259.698**, and **16, 24.859, 273.214** is the 20% darker color. If you saturate the color by 10%, you get **33, 29.914, 264.305**, and if you desaturate by 10%, it is **37, 24.194, 256.567**.

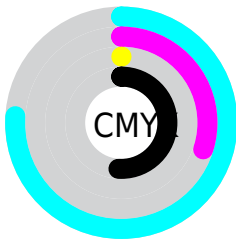
Distribution



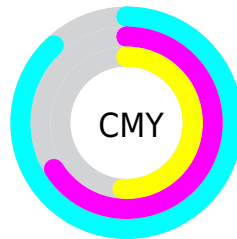
- Red (11%)
- Green (34%)
- Blue (49%)



- Red (11%)
- Yellow (25%)
- Blue (49%)



- Cyan (76%)
- Magenta (30%)
- Yellow (0%)
- Black (51%)





- Cyan (88%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 27.126, 260.162 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 35, 27.126, 260.162 by changing the saturation by 10% instead.


 35, 27.126,
260.162


 35, 27.126,
260.162


 100, 27.126,
260.162


 25, 27.126,
260.162

 55, 27.126,
260.162


 15, 27.126,
260.162


 65, 27.126,
260.162

 5, 27.126, 260.162

 75, 27.126,
260.162

 0, 27.126, 260.162

 85, 27.126,
260.162

 95, 27.126,
260.162

■ 35, 27.126,
260.162

■ 35, 27.126,
260.162

■ 33, 29.914,
264.305

■ 37, 24.194,
256.567

■ 31, 32.662,
268.816

■ 39, 21.072,
253.516

■ 31, 33.709,
270.365

■ 41, 17.740,
250.967

■ 44, 14.203,
248.856

■ 46, 10.483,
247.115

■ 48, 6.604, 245.687

■ 51, 2.598, 244.562

■ 53, 1.508, 63.235

Harmonies

Complementary

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



35, 27.126, 260.162



35, 39.204, 56.932

Rectangle

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



35, 27.126, 260.162



35, 27.126, 310.162



35, 27.126, 80.162



35, 27.126, 130.162

Sweetspot

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



35, 27.125, 260.163



60, 11.464, 246.689



46, 47.645, 149.225



30, 7.856, 247.153



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



35, 27.125, 260.163



42, 39.031, 267.922



21, 55.724, 298.669



25, 2.265, 244.829



31, 33.781, 270.380



61, 59.286, 273.280

Inverse Universe

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



29, 46.810, 346.588



36, 61.934, 350.359



47, 45.638, 97.132



24, 3.723, 339.202



26, 51.851, 351.709



55, 86.472, 353.487

Previews

White Background



This preview shows how the CIE LCh color 35, 27.126, 260.162 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 35, 27.126, 260.162 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 35, 27.126, 260.162

Background



This preview shows how black text looks on a background with the CIELCh color 35, 27.126, 260.162.

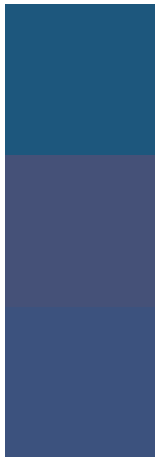


This preview shows how white text looks on a background with the CIELCh color 35, 27.126, 260.162.

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


35, 27.199, 259.881

Protanopia

35, 24.497, 284.633

Deuteranopia

35, 27.926, 280.354



Tritanopia
35, 22.819, 207.830

Trichromacy



Original Color
35, 27.199, 259.881

Protanomaly
35, 25.390, 273.973

Deuteranomaly
35, 26.994, 271.616

Tritanomaly
35, 22.403, 229.685

Monochromacy



Original Color
35, 27.199, 259.881

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 11.145, 246.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 27.126, 260.162 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(29, 87, 125)` looks like.

```
.text, #text, p{  
    color:rgb(29, 87, 125)  
}
```

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(29, 87, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 87, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 27.126, 260.162 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(29, 87, 125) }
```

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

```
.border{ border-color:rgb(29, 87, 125) }
```

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

Here you see how a box with a 4 pixel rgb(29, 87, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 87, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 87, 125);  
box-shadow:4px 4px 4px 4px rgb(29, 87,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 27.126, 260.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 87, 125) }
```

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

```
.background{ background-color: rgb(29, 87,  
125) }
```

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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