

Converting Colors

CIELCh(35, 16.078, 214.125)

Have a look what the booklet for
CIELCh(35, 16.078, 214.125)
contains.

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Color

CIELCh(35, 16.182, 213.285)

Conversions

Conversions Part 1

Format	Color
Hex	2B5960
RGB	43, 89, 96
RGB Percent	17%, 35%, 38%
CMY	0.8315, 0.6511, 0.6236
CMYK	0.55, 0.07, 0.00, 0.62
HSL	188°, 38%, 27%
HSV	188°, 55%, 38%
XYZ	6.6762, 8.4984, 12.3497
YIQ	76.0440, -29.6630, -7.5750

Conversions

Conversions Part 2

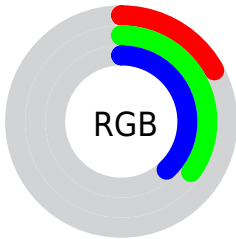
Format	Color
R_{YB}	43, 68, 96
Decimal	2840928
CIE Lab	35.00, -13.53, -8.88
CIE LCh	35, 16.182, 213.285
Yxy	8.4984, 0.2426, 0.3088
Android (android.graphics.Color)	4281031008 (0xFF2B5960)
YUV	76.0440, 9.8383, -28.9796
Hunter-Lab	29.1520, -10.1373, -4.7106




Details

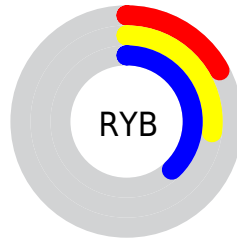
The CIELCh color **35, 16.182, 213.285** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 24.161, 34.416**, and the grayscale version is **32, 0.005, 296.813**.




A 20% lighter version of the original color is **55, 16.269, 212.391**, and **15, 13.990, 217.796** is the 20% darker color. If you saturate the color by 10%, you get **34, 18.050, 214.105**, and if you desaturate by 10%, it is **36, 13.920, 212.693**.

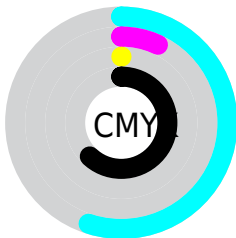
Distribution







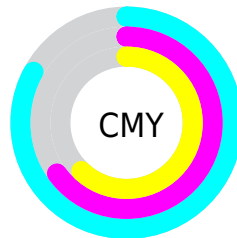
-  Red (17%)
-  Green (35%)
-  Blue (38%)






-  Red (17%)
-  Yellow (27%)
-  Blue (38%)



-  Cyan (55%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (62%)





-  Cyan (83%)
-  Magenta (65%)
-  Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 16.182, 213.285 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, 16.182, 213.285 by changing the saturation by 10% instead.


 35, 16.182,
213.285


 35, 16.182,
213.285

 100, 16.182,
213.285


 25, 16.182,
213.285

 55, 16.182,
213.285


 15, 16.182,
213.285


 65, 16.182,
213.285

 5, 16.182, 213.285

 75, 16.182,
213.285

 0, 16.182, 213.285

 85, 16.182,
213.285

 95, 16.182,
213.285

■ 35, 16.182,
213.285

■ 35, 16.182,
213.285

■ 34, 18.050,
214.105

■ 36, 13.920,
212.693

■ 33, 19.495,
215.203

■ 37, 11.306,
212.297

■ 33, 20.510,
216.622

■ 38, 8.387, 212.063

■ 32, 21.182,
218.324

■ 39, 5.214, 211.970

■ 32, 21.499,
219.117

■ 40, 1.833, 212.070

■ 41, 1.711, 31.767

■ 43, 5.380, 32.026

■ 44, 9.143, 32.228

■ 45, 12.971, 32.452

Harmonies

Complementary

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



35, 16.182, 213.285



27, 24.161, 34.416

Rectangle

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



35, 16.182, 213.285



35, 16.182, 263.285



35, 16.182, 33.285



35, 16.182, 83.285

Sweetspot

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



35, 16.182, 213.283



50, 7.189, 211.979



36, 35.888, 143.320



25, 4.829, 211.987



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 16.182, 213.283



44, 22.300, 214.382



27, 21.979, 276.690



19, 1.968, 211.992



37, 23.973, 219.605



77, 41.770, 221.282

Inverse Universe

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



27, 35.275, 331.375



32, 50.401, 332.094



34, 22.921, 79.997



18, 3.698, 328.723



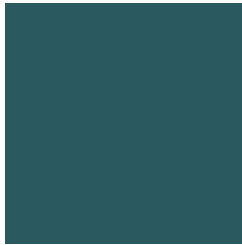
25, 57.141, 333.995



55, 99.277, 334.412

Previews

White Background



This preview shows how the CIE LCh color 35, 16.182, 213.285 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 35, 16.182, 213.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

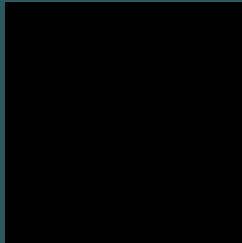
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 16.182, 213.285

Background



This preview shows how black text looks on a background with the CIELCh color 35, 16.182, 213.285.



This preview shows how white text looks on a background with the CIELCh color 35, 16.182, 213.285.

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, 16.182, 213.285

Protanopia

35, 6.254, 291.234

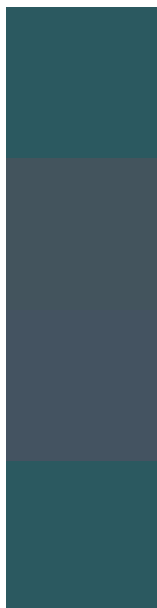
Deuteranopia

35, 11.307, 296.076



Tritanopia
35, 16.182, 213.285

Trichromacy



Original Color
35, 16.182, 213.285

Protanomaly
35, 8.526, 240.251

Deuteranomaly
35, 10.283, 257.767

Tritanomaly
35, 16.182, 213.285

Monochromacy



Original Color
35, 16.182, 213.285

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 6.956, 208.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 16.182, 213.285 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(43, 89, 96)` looks like.

```
.text, #text, p{  
    color:rgb(43, 89, 96)  
}
```

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(43, 89, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 89, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 16.182, 213.285 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(43, 89, 96) }
```

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

```
.border{ border-color:rgb(43, 89, 96) }
```

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

Here you see how a box with a 4 pixel rgb(43, 89, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 89, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 89, 96);  
box-shadow:4px 4px 4px 4px rgb(43, 89, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 16.182, 213.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 89, 96) }
```

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

```
.background{ background-color: rgb(43, 89,  
96) }
```

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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