

Converting Colors

CIELCh(35, 15.481, 207.139)

Have a look what the booklet for
CIELCh(35, 15.481, 207.139)
contains.

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Color

CIELCh(35, 15.622, 206.720)

Conversions

Conversions Part 1

Format	Color
Hex	2D595D
RGB	45, 89, 93
RGB Percent	18%, 35%, 36%
CMY	0.8234, 0.6509, 0.6352
CMYK	0.52, 0.04, 0.00, 0.64
HSL	185°, 35%, 27%
HSV	185°, 52%, 36%
XYZ	6.6349, 8.4984, 11.6527
YIQ	76.3000, -27.5080, -8.0840

Conversions

Conversions Part 2

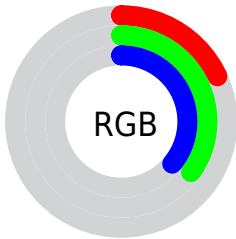
Format	Color
R _Y B	45, 68, 93
Decimal	2971997
CIE Lab	35.00, -13.95, -7.02
CIE LCh	35, 15.622, 206.720
Yxy	8.4984, 0.2477, 0.3173
Android (android.graphics.Color)	4281162077 (0xFF2D595D)
YUV	76.3000, 8.2331, -27.4501
Hunter-Lab	29.1520, -10.3902, -3.2931

Details

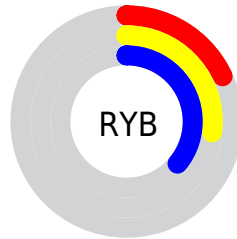
The CIELCh color **35, 15.622, 206.720** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 22.500, 30.320**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 15.566, 206.521**, and **15, 13.988, 208.448** is the 20% darker color. If you saturate the color by 10%, you get **34, 17.660, 207.028**, and if you desaturate by 10%, it is **36, 13.197, 206.555**.

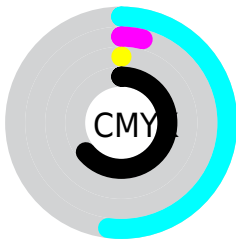
Distribution



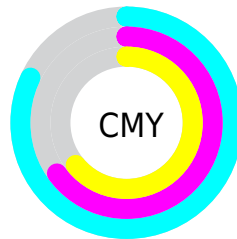
- Red (18%)
- Green (35%)
- Blue (36%)



- Red (18%)
- Yellow (27%)
- Blue (36%)



- Cyan (52%)
- Magenta (4%)
- Yellow (0%)
- Black (64%)





- Cyan (82%)
- Magenta (65%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 15.622, 206.720 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, 15.622, 206.720 by changing the saturation by 10% instead.


 35, 15.622,
206.720


 35, 15.622,
206.720

 100, 15.622,
206.720


 25, 15.622,
206.720

 55, 15.622,
206.720


 15, 15.622,
206.720


 65, 15.622,
206.720

 5, 15.622, 206.720

 75, 15.622,
206.720

 0, 15.622, 206.720

 85, 15.622,
206.720

 95, 15.622,
206.720

■ 35, 15.622,
206.720

■ 35, 15.622,
206.720

■ 34, 17.660,
207.028

■ 36, 13.197,
206.555

■ 34, 19.277,
207.511

■ 37, 10.430,
206.520

■ 33, 20.457,
208.190

■ 37, 7.371, 206.593

■ 33, 21.217,
209.081

■ 38, 4.069, 206.774

■ 39, 0.573, 207.466

■ 33, 21.768,
209.849

■ 40, 3.073, 27.072

■ 42, 6.833, 27.438

■ 43, 10.672, 27.796

■ 44, 14.565, 28.167

Harmonies

Complementary

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



35, 15.622, 206.720



26, 22.500, 30.320

Rectangle

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



35, 15.622, 206.720



35, 15.622, 256.720



35, 15.622, 26.720



35, 15.622, 76.720

Sweetspot

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



35, 15.622, 206.718



49, 6.419, 206.690



35, 34.006, 142.334



25, 4.397, 206.664



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 15.622, 206.718



44, 21.605, 207.122



27, 18.682, 271.219



18, 1.958, 206.851



38, 24.395, 210.153



80, 42.793, 211.151

Inverse Universe

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



27, 33.456, 329.496



32, 48.014, 330.095



32, 20.237, 75.925



17, 3.654, 327.210



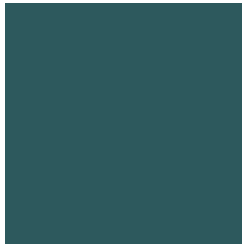
24, 58.310, 331.671



55, 102.363, 331.916

Previews

White Background



This preview shows how the CIELCh color 35, 15.622, 206.720 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, 15.622, 206.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

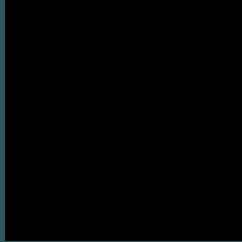
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

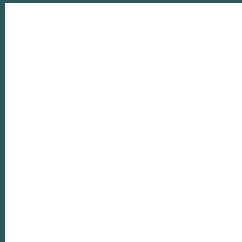
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 15.622, 206.720

Background



This preview shows how black text looks on a background with the CIELCh color 35, 15.622, 206.720.



This preview shows how white text looks on a background with the CIELCh color 35, 15.622, 206.720.

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, 15.622, 206.720

Protanopia

35, 4.405, 296.352

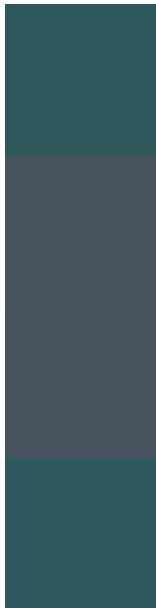
Deuteranopia

35, 9.550, 301.500



Tritanopia
35, 15.433, 214.158

Trichromacy



Original Color
35, 15.622, 206.720

Protanomaly
35, 6.944, 231.576

Deuteranomaly
35, 8.412, 254.165

Tritanomaly
35, 15.382, 211.752

Monochromacy



Original Color
35, 15.622, 206.720

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 6.543, 204.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 15.622, 206.720 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(45, 89, 93)` looks like.

```
.text, #text, p{  
    color:rgb(45, 89, 93)  
}
```

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(45, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 89, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 15.622, 206.720 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(45, 89, 93) }
```

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

```
.border{ border-color:rgb(45, 89, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 89, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 89, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 89, 93);  
box-shadow:4px 4px 4px 4px rgb(45, 89, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 15.622, 206.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 89, 93) }
```

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

```
.background{ background-color: rgb(45, 89,  
93) }
```

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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