

Converting Colors

CIELCh(35, 12.672, 202.526)

Have a look what the booklet for
CIELCh(35, 12.672, 202.526)
contains.

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Color

CIELCh(35, 12.767, 203.402)

Conversions

Conversions Part 1

Format	Color
Hex	36585A
RGB	54, 88, 90
RGB Percent	21%, 35%, 35%
CMY	0.7883, 0.6550, 0.6471
CMYK	0.40, 0.02, 0.00, 0.65
HSL	183°, 25%, 28%
HSV	183°, 40%, 35%
XYZ	6.8535, 8.4984, 10.9482
YIQ	78.0620, -20.9060, -6.5860

Conversions

Conversions Part 2

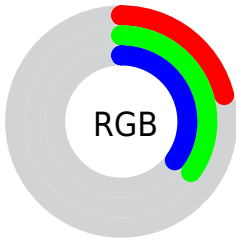
Format	Color
RYB	54, 71, 90
Decimal	3561562
CIELab	35.00, -11.72, -5.07
CIELCh	35, 12.767, 203.402
Yxy	8.4984, 0.2606, 0.3231
Android (android.graphics.Color)	4281751642 (0xFF36585A)
YUV	78.0620, 5.8854, -21.1024
Hunter-Lab	29.1520, -9.0515, -1.8604

Details

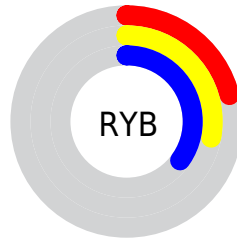
The CIELCh color **35, 12.767, 203.402** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 16.673, 26.862**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 12.720, 203.421**, and **15, 12.504, 206.756** is the 20% darker color. If you saturate the color by 10%, you get **34, 15.253, 203.363**, and if you desaturate by 10%, it is **36, 9.950, 203.532**.

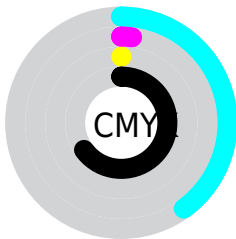
Distribution



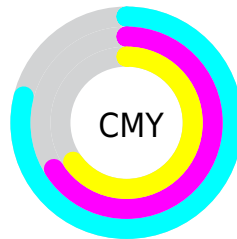
- Red (21%)
- Green (35%)
- Blue (35%)



- Red (21%)
- Yellow (28%)
- Blue (35%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (65%)





- Cyan (79%)
- Magenta (66%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 12.767, 203.402 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, 12.767, 203.402 by changing the saturation by 10% instead.


 35, 12.767,
203.402


 35, 12.767,
203.402

 100, 12.767,
203.402


 25, 12.767,
203.402

 55, 12.767,
203.402


 15, 12.767,
203.402


 65, 12.767,
203.402

 5, 12.767, 203.402

 75, 12.767,
203.402

 0, 12.767, 203.402

 85, 12.767,
203.402

 95, 12.767,
203.402

■ 35, 12.767,
203.402

■ 35, 12.767,
203.402

■ 34, 15.253,
203.363

■ 36, 9.950, 203.532

■ 34, 17.364,
203.436

■ 36, 6.850, 203.750

■ 33, 19.065,
203.635

■ 37, 3.518, 204.063

■ 33, 20.336,
203.972

■ 39, 3.656, 24.577

■ 33, 21.183,
204.462

■ 40, 7.419, 25.018

■ 32, 21.880,
204.985

■ 41, 11.254, 25.454

■ 42, 15.135, 25.899

■ 44, 19.042, 26.351

Harmonies

Complementary

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



35, 12.767, 203.402



27, 16.673, 26.862

Rectangle

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



35, 12.767, 203.402



35, 12.767, 253.402



35, 12.767, 23.402



35, 12.767, 73.402

Sweetspot

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



35, 12.767, 203.399



48, 5.219, 203.977



35, 26.261, 143.033



24, 3.421, 203.954



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



35, 12.767, 203.399



45, 18.256, 203.362



29, 13.822, 266.891



18, 2.008, 204.109



39, 25.093, 205.215



82, 44.055, 205.837

Inverse Universe

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



28, 26.133, 328.029



35, 38.537, 328.498



32, 14.853, 75.826



17, 3.725, 326.397



25, 59.537, 330.457



55, 104.658, 330.611

Previews

White Background



This preview shows how the CIELCh color 35, 12.767, 203.402 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, 12.767, 203.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

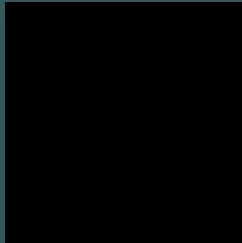
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

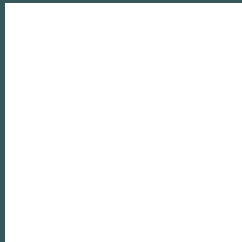
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 12.767, 203.402

Background



This preview shows how black text looks on a background with the CIELCh color 35, 12.767, 203.402.



This preview shows how white text looks on a background with the CIELCh color 35, 12.767, 203.402.

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, 12.767, 203.402

Protanopia
35, 2.499, 290.612

Deuteranopia
35, 7.814, 306.704



Tritanopia
35, 12.404, 218.771

Trichromacy



Original Color
35, 12.767, 203.402

Protanomaly
35, 5.191, 220.059

Deuteranomaly
35, 6.087, 254.541

Tritanomaly
35, 12.288, 215.836

Monochromacy



Original Color
35, 12.767, 203.402

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 5.378, 198.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 12.767, 203.402 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(54, 88, 90)` looks like.

```
.text, #text, p{  
    color:rgb(54, 88, 90)  
}
```

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(54, 88, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 88, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 12.767, 203.402 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(54, 88, 90) }
```

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

```
.border{ border-color:rgb(54, 88, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 88, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 88, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 88, 90);  
box-shadow:4px 4px 4px 4px rgb(54, 88, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 12.767, 203.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 88, 90) }
```

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

```
.background{ background-color: rgb(54, 88,  
90) }
```

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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