

Converting Colors

CIELCh(35, 10.920, 163.236)

Have a look what the booklet for
CIELCh(35, 10.920, 163.236)
contains.

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Color

CIELCh(35, 10.881, 162.964)

Conversions

Conversions Part 1

Format	Color
Hex	42574D
RGB	66, 87, 77
RGB Percent	26%, 34%, 30%
CMY	0.7414, 0.6590, 0.6983
CMYK	0.24, 0.00, 0.12, 0.66
HSL	151°, 14%, 30%
HSV	151°, 24%, 34%
XYZ	6.9841, 8.4984, 8.2829
YIQ	79.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

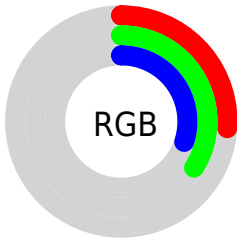
Format	Color
RYB	66, 80, 87
Decimal	4347725
CIELab	35.00, -10.40, 3.19
CIElCh	35, 10.881, 162.964
Yxy	8.4984, 0.2939, 0.3576
Android (android.graphics.Color)	4282537805 (0xFF42574D)
YUV	79.5810, -1.2724, -11.9105
Hunter-Lab	29.1520, -8.2520, 3.5604

Details

The CIELCh color **35, 10.881, 162.964** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 11.225, 346.963**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 11.038, 163.441**, and **15, 11.247, 162.628** is the 20% darker color. If you saturate the color by 10%, you get **34, 15.282, 161.977**, and if you desaturate by 10%, it is **36, 6.395, 163.863**.

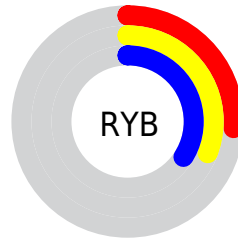
Distribution



Red (26%)

Green (34%)

Blue (30%)



Red (26%)

Yellow (31%)

Blue (34%)

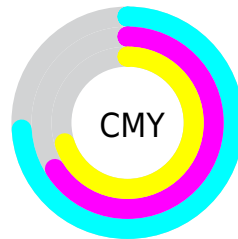


Cyan (24%)

Magenta (0%)

Yellow (12%)

Black (66%)



Cyan (74%)


Magenta (66%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 10.881, 162.964 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, 10.881, 162.964 by changing the saturation by 10% instead.


 35, 10.881,
162.964


 35, 10.881,
162.964

 100, 10.881,
162.964


 25, 10.881,
162.964

 55, 10.881,
162.964


 15, 10.881,
162.964


 65, 10.881,
162.964

 5, 10.881, 162.964

 75, 10.881,
162.964

 0, 10.881, 162.964

 85, 10.881,
162.964

 95, 10.881,
162.964

■ 35, 10.881,
162.964

■ 35, 10.881,
162.964

■ 34, 15.282,
161.977

■ 36, 6.395, 163.863

■ 34, 19.535,
160.884

■ 37, 1.874, 164.757

■ 33, 23.577,
159.664

■ 38, 2.639, 345.291

■ 33, 27.344,
158.298

■ 40, 11.509,
346.679

■ 32, 30.779,
156.767

■ 41, 15.822,
347.279

■ 32, 33.843,
155.058

■ 42, 20.036,
347.841

■ 32, 36.583,
153.248

■ 43, 24.142,
348.371

■ 32, 38.172,

■ 44, 28.136,

152.302

348.872

Harmonies

Complementary

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



35, 10.881, 162.964



30, 11.225, 346.963

Rectangle

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



35, 10.881, 162.964



35, 10.881, 212.964



35, 10.881, 342.964



35, 10.881, 32.964

Sweetspot

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



35, 10.882, 162.962



47, 3.902, 164.465



35, 13.850, 128.646



23, 2.508, 164.446



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



35, 10.882, 162.962



44, 16.068, 162.404



35, 8.253, 199.835



17, 2.522, 164.329



39, 44.737, 151.632



82, 82.173, 149.991

Inverse Universe

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



30, 11.225, 346.963



38, 16.695, 347.536



30, 9.572, 22.323



16, 2.554, 345.579



21, 44.771, 1.838



50, 79.297, 5.044

Previews

White Background



This preview shows how the CIE LCh color 35, 10.881, 162.964 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, 10.881, 162.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

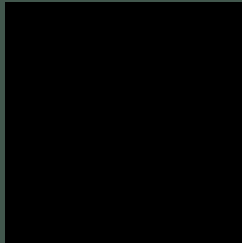
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 10.881, 162.964

Background



This preview shows how black text looks on a background with the CIELCh color 35, 10.881, 162.964.



This preview shows how white text looks on a background with the CIELCh color 35, 10.881, 162.964.

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](#).

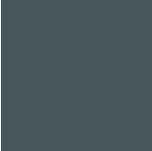
Dichromacy



Original Color
35, 10.881, 162.964

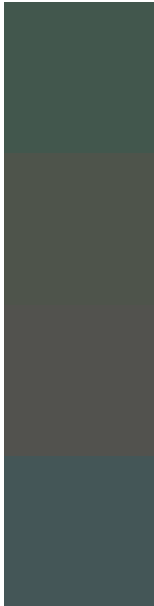
Protanopia
35, 5.143, 94.230

Deuteranopia
35, 5.302, 20.149



Tritanopia
35, 7.546, 234.254

Trichromacy



Original Color
35, 10.881, 162.964

Protanomaly
35, 6.201, 134.268

Deuteranomaly
35, 2.487, 109.740

Tritanomaly
35, 7.255, 203.414

Monochromacy



Original Color
35, 10.881, 162.964

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.263, 162.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 10.881, 162.964 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(66, 87, 77)` looks like.

```
.text, #text, p{  
    color:rgb(66, 87, 77)  
}
```

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(66, 87, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 87, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 10.881, 162.964 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(66, 87, 77) }
```

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

```
.border{ border-color:rgb(66, 87, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 87, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 87, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 87, 77);  
box-shadow:4px 4px 4px 4px rgb(66, 87, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 10.881, 162.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 87, 77) }
```

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

```
.background{ background-color: rgb(66, 87,  
77) }
```

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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