

Converting Colors

CIELCh(35, 14.660, 136.245)

Have a look what the booklet for
CIELCh(35, 14.660, 136.245)
contains.

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Color

CIELCh(35, 14.841, 136.593)

Conversions

Conversions Part 1

Format	Color
Hex	475742
RGB	71, 87, 66
RGB Percent	28%, 34%, 26%
CMY	0.7225, 0.6598, 0.7421
CMYK	0.18, 0.00, 0.24, 0.66
HSL	106°, 14%, 30%
HSV	106°, 24%, 34%
XYZ	6.9463, 8.4984, 6.3926
YIQ	79.8220, -2.7950, -9.9230

Conversions

Conversions Part 2

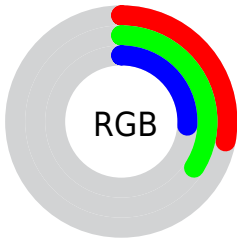
Format	Color
RYB	66, 87, 82
Decimal	4675394
CIELab	35.00, -10.78, 10.20
CIELCh	35, 14.841, 136.593
Yxy	8.4984, 0.3181, 0.3892
Android (android.graphics.Color)	4282865474 (0xFF475742)
YUV	79.8220, -6.8142, -7.7369
Hunter-Lab	29.1520, -8.4834, 7.4049

Details

The CIELCh color **35, 14.841, 136.593** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **30, 15.032, 318.622**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 14.878, 136.224**, and **15, 15.198, 136.543** is the 20% darker color. If you saturate the color by 10%, you get **34, 20.961, 136.064**, and if you desaturate by 10%, it is **36, 8.687, 137.080**.

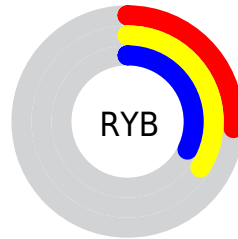
Distribution



Red (28%)

Green (34%)

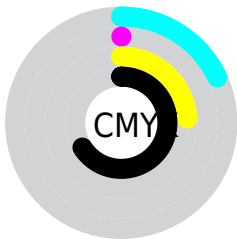
Blue (26%)



Red (26%)

Yellow (34%)

Blue (32%)

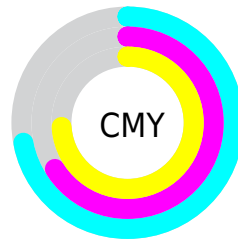


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (66%)



Cyan (72%)


Magenta (66%)


Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 14.841, 136.593 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, 14.841, 136.593 by changing the saturation by 10% instead.


 35, 14.841,
136.593


 35, 14.841,
136.593

 100, 14.841,
136.593


 25, 14.841,
136.593

 55, 14.841,
136.593


 15, 14.841,
136.593


 65, 14.841,
136.593

 5, 14.841, 136.593

 75, 14.841,
136.593

 0, 14.841, 136.593

 85, 14.841,
136.593

 95, 14.841,
136.593

■ 35, 14.841,
136.593

■ 35, 14.841,
136.593

■ 34, 20.961,
136.064

■ 36, 8.687, 137.080

■ 34, 26.967,
135.500

■ 37, 2.552, 137.541

■ 37, 3.521, 317.848

■ 33, 32.758,
134.923

■ 38, 9.503, 318.201

■ 33, 38.199,
134.376

■ 39, 15.373,
318.497

■ 32, 43.113,
133.924

■ 40, 21.117,
318.751

■ 32, 47.286,
133.657

■ 41, 26.728,
318.971

■ 32, 50.692,
133.532

■ 42, 32.202,
319.160

■ 32, 52.672,

■ 44, 37.538,

133.255

319.323

Harmonies

Complementary

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



35, 14.841, 136.593



30, 15.032, 318.622

Rectangle

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



35, 14.841, 136.593



35, 14.841, 186.593



35, 14.841, 316.593



35, 14.841, 6.593

Sweetspot

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



35, 14.842, 136.594



47, 5.278, 137.397



35, 10.073, 94.552



23, 3.393, 137.388



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, 14.842, 136.594



45, 21.994, 136.294



35, 13.403, 150.707



17, 3.414, 137.327



39, 61.268, 133.586



82, 109.932, 134.319

Inverse Universe

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



30, 15.032, 318.622



38, 22.337, 318.855



31, 13.486, 333.814



16, 3.435, 317.988



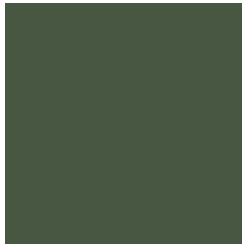
19, 62.449, 319.790



46, 111.285, 319.273

Previews

White Background



This preview shows how the CIELCh color 35, 14.841, 136.593 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, 14.841, 136.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

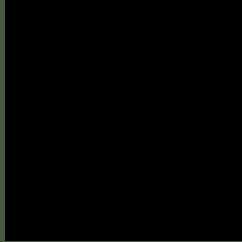
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 14.841, 136.593

Background



This preview shows how black text looks on a background with the CIELCh color 35, 14.841, 136.593.

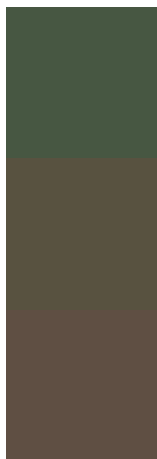


This preview shows how white text looks on a background with the CIELCh color 35, 14.841, 136.593.

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, 14.841, 136.593

Protanopia

35, 11.506, 94.194

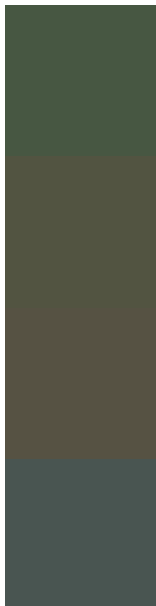
Deuteranopia

35, 10.629, 64.311



Tritanopia
35, 5.157, 245.757

Trichromacy



Original Color

35, 14.841, 136.593

Protanomaly

35, 11.774, 112.646

Deuteranomaly

35, 9.486, 97.403

Tritanomaly

35, 5.673, 172.536

Monochromacy



Original Color

35, 14.841, 136.593

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 4.904, 135.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 14.841, 136.593 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(71, 87, 66)` looks like.

```
.text, #text, p{  
    color:rgb(71, 87, 66)  
}
```

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(71, 87, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 87, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 14.841, 136.593 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(71, 87, 66) }
```

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

```
.border{ border-color:rgb(71, 87, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 87, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 87, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 87, 66);  
box-shadow:4px 4px 4px 4px rgb(71, 87, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 14.841, 136.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 87, 66) }
```

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

```
.background{ background-color: rgb(71, 87,  
66) }
```

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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