

Converting Colors

CIELCh(35, 24.334, 142.061)

Have a look what the booklet for
CIELCh(35, 24.334, 142.061)
contains.

CIELCh(35, 24.205, 142.095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 24.205, 142.095)

Conversions

Conversions Part 1

Format	Color
Hex	3A5A3A
RGB	58, 90, 58
RGB Percent	23%, 35%, 23%
CMY	0.7729, 0.6474, 0.7729
CMYK	0.36, 0.00, 0.36, 0.65
HSL	120°, 22%, 29%
HSV	120°, 36%, 35%
XYZ	6.1498, 8.4984, 5.3079
YIQ	76.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

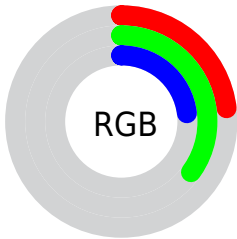
Format	Color
RYB	58, 90, 90
Decimal	3824186
CIELab	35.00, -19.10, 14.87
CIELCh	35, 24.205, 142.095
Yxy	8.4984, 0.3082, 0.4259
Android (android.graphics.Color)	4282014266 (0xFF3A5A3A)
YUV	76.7840, -9.2605, -16.4736
Hunter-Lab	29.1520, -13.3604, 9.6111

Details

The CIELCh color **35, 24.205, 142.095** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 24.192, 326.214**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 24.304, 142.136**, and **15, 24.288, 141.613** is the 20% darker color. If you saturate the color by 10%, you get **34, 30.767, 141.201**, and if you desaturate by 10%, it is **36, 17.444, 142.886**.

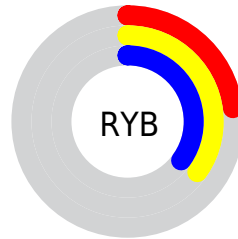
Distribution



Red (23%)

Green (35%)

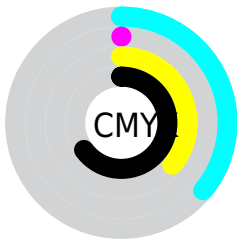
Blue (23%)



Red (23%)

Yellow (35%)

Blue (35%)

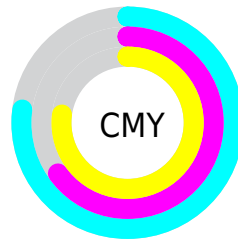


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (65%)



Cyan (77%)


Magenta (65%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 24.205, 142.095 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, 24.205, 142.095 by changing the saturation by 10% instead.


 35, 24.205,
142.095


 35, 24.205,
142.095

 100, 24.205,
142.095


 25, 24.205,
142.095

 55, 24.205,
142.095


 15, 24.205,
142.095


 65, 24.205,
142.095

 5, 24.205, 142.095

 75, 24.205,
142.095

 0, 24.205, 142.095

 85, 24.205,
142.095

 95, 24.205,
142.095

■ 35, 24.205,
142.095

■ 35, 24.205,
142.095

■ 34, 30.767,
141.201

■ 36, 17.444,
142.886

■ 34, 36.975,
140.215

■ 37, 10.603,
143.576

■ 33, 42.643,
139.170

■ 38, 3.777, 144.191

■ 33, 47.554,
138.133

■ 39, 2.964, 324.609

■ 40, 9.573, 325.075

■ 33, 51.472,
137.206

■ 41, 16.016,
325.451

■ 33, 54.545,
136.409

■ 42, 22.275,
325.771

■ 32, 55.967,
136.018

■ 44, 28.339,
326.045

■ 45, 34.208,
326.281

Harmonies

Complementary

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



35, 24.205, 142.095



29, 24.192, 326.214

Rectangle

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



35, 24.205, 142.095



35, 24.205, 192.095



35, 24.205, 322.095



35, 24.205, 12.095

Sweetspot

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



35, 24.206, 142.095



48, 9.295, 143.842



37, 19.380, 107.011



24, 6.185, 143.794



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, 24.206, 142.095



45, 36.175, 141.313



35, 16.661, 160.550



18, 3.862, 143.994



40, 64.321, 136.018



82, 113.375, 136.017

Inverse Universe

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



29, 24.192, 326.214



36, 36.093, 326.623



29, 17.342, 346.762



17, 3.868, 324.868



25, 62.057, 328.237



56, 109.381, 328.237

Previews

White Background



This preview shows how the CIELCh color 35, 24.205, 142.095 looks on a white background.

Color Contrast Check

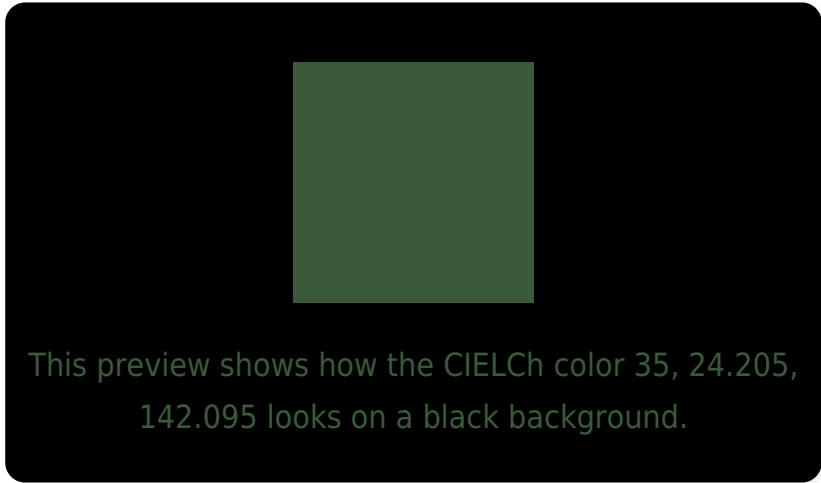
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 24.205, 142.095

Background



This preview shows how black text looks on a background with the CIELCh color 35, 24.205, 142.095.



This preview shows how white text looks on a background with the CIELCh color 35, 24.205, 142.095.

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](#).

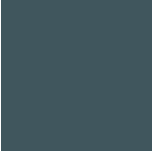
Dichromacy



Original Color
35, 24.205, 142.095

Protanopia
35, 17.001, 95.890

Deuteranopia
35, 14.748, 72.376



Tritanopia
35, 9.380, 226.336

Trichromacy



Original Color
35, 24.205, 142.095

Protanomaly
35, 18.089, 117.589

Deuteranomaly
35, 14.805, 107.629

Tritanomaly
35, 11.191, 174.814

Monochromacy



Original Color
35, 24.205, 142.095

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 9.219, 143.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 24.205, 142.095 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(58, 90, 58)` looks like.

```
.text, #text, p{  
    color:rgb(58, 90, 58)  
}
```

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(58, 90, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 90, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 24.205, 142.095 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(58, 90, 58) }
```

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

```
.border{ border-color:rgb(58, 90, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 90, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 90, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 90, 58);  
box-shadow:4px 4px 4px 4px rgb(58, 90, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 24.205, 142.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 90, 58) }
```

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

```
.background{ background-color: rgb(58, 90,  
58) }
```

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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