

Converting Colors

CIELCh(35, 25.415, 147.400)

Have a look what the booklet for
CIELCh(35, 25.415, 147.400)
contains.

CIELCh(35, 25.375, 147.442)	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, 25.375, 147.442)

Conversions

Conversions Part 1

Format	Color
Hex	345B3C
RGB	52, 91, 60
RGB Percent	20%, 36%, 24%
CMY	0.7968, 0.6439, 0.7654
CMYK	0.43, 0.00, 0.34, 0.64
HSL	132°, 27%, 28%
HSV	132°, 43%, 36%
XYZ	5.9418, 8.4984, 5.5771
YIQ	75.8050, -13.2930, -17.9090

Conversions

Conversions Part 2

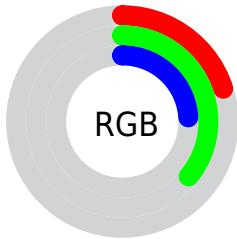
Format	Color
RYB	52, 84, 91
Decimal	3431228
CIELab	35.00, -21.39, 13.66
CIElCh	35, 25.375, 147.442
Yxy	8.4984, 0.2968, 0.4246
Android (android.graphics.Color)	4281621308 (0xFF345B3C)
YUV	75.8050, -7.7919, -20.8770
Hunter-Lab	29.1520, -14.6339, 9.0636

Details

The CIELCh color $35, 25.375, 147.442$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $28, 25.456, 333.328$, and the grayscale version is $32, 0.005, 296.813$.

A 20% lighter version of the original color is $55, 24.760, 147.652$, and $15, 25.836, 147.046$ is the 20% darker color. If you saturate the color by 10%, you get $34, 30.962, 146.363$, and if you desaturate by 10%, it is $36, 19.569, 148.388$.

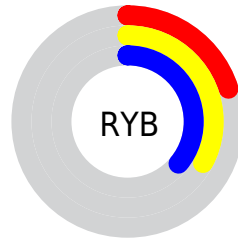
Distribution



Red (20%)

Green (36%)

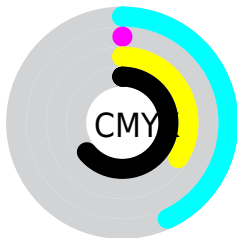
Blue (24%)



Red (20%)

Yellow (33%)

Blue (36%)

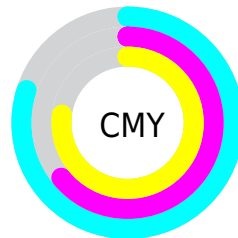


Cyan (43%)

Magenta (0%)

Yellow (34%)

Black (64%)



Cyan (80%)


Magenta (64%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 25.375, 147.442 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, 25.375, 147.442 by changing the saturation by 10% instead.


 35, 25.375,
147.442


 35, 25.375,
147.442

 100, 25.375,
147.442


 25, 25.375,
147.442

 55, 25.375,
147.442


 15, 25.375,
147.442


 65, 25.375,
147.442

 5, 25.375, 147.442

 75, 25.375,
147.442

 0, 25.375, 147.442

 85, 25.375,
147.442

 95, 25.375,
147.442

■ 35, 25.375,
147.442

■ 35, 25.375,
147.442

■ 34, 30.962,
146.363

■ 36, 19.569,
148.388

■ 34, 36.219,
145.144

■ 36, 13.641,
149.216

■ 34, 41.035,
143.788

■ 37, 7.672, 149.943

■ 33, 45.300,
142.317

■ 38, 1.731, 150.648

■ 39, 4.132, 331.052

■ 33, 48.944,
140.818

■ 40, 9.879, 331.559

■ 33, 51.257,
139.986

■ 42, 15.486,
331.991

■ 43, 20.936,
332.373

■ 44, 26.221,

Harmonies

Complementary

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



35, 25.375, 147.442



28, 25.456, 333.328

Rectangle

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



35, 25.375, 147.442



35, 25.375, 197.442



35, 25.375, 327.442



35, 25.375, 17.442

Sweetspot

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



35, 25.376, 147.442



48, 9.518, 149.912



37, 23.736, 115.296



24, 6.597, 149.807



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, 25.376, 147.442



44, 37.517, 146.285



35, 17.112, 171.875



18, 3.343, 150.221



40, 59.125, 139.535



82, 107.016, 138.413

Inverse Universe

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



28, 25.456, 333.328



33, 37.459, 334.041



27, 19.273, 0.756



17, 3.354, 331.191



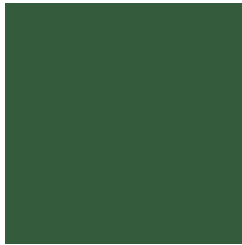
24, 53.308, 337.906



54, 93.080, 338.684

Previews

White Background



This preview shows how the CIE LCh color 35, 25.375, 147.442 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, 25.375, 147.442 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, 25.375, 147.442

Background



This preview shows how black text looks on a background with the CIELCh color 35, 25.375, 147.442.



This preview shows how white text looks on a background with the CIELCh color 35, 25.375, 147.442.

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, 25.375, 147.442

Protanopia
35, 16.405, 95.612

Deuteranopia
35, 12.903, 69.861



Tritanopia
35, 11.213, 221.229

Trichromacy



Original Color
35, 25.375, 147.442

Protanomaly
35, 17.833, 122.320

Deuteranomaly
34, 13.064, 114.036

Tritanomaly
35, 13.269, 181.115

Monochromacy



Original Color
35, 25.375, 147.442

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 9.275, 149.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 25.375, 147.442 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(52, 91, 60)` looks like.

```
.text, #text, p{  
    color:rgb(52, 91, 60)  
}
```

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(52, 91, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 91, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 25.375, 147.442 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(52, 91, 60) }
```

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

```
.border{ border-color:rgb(52, 91, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 91, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 91, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 91, 60);  
box-shadow:4px 4px 4px 4px rgb(52, 91, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 25.375, 147.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 91, 60) }
```

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

```
.background{ background-color: rgb(52, 91,  
60) }
```

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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