

Converting Colors

CIELCh(35, 19.434, 157.001)

Have a look what the booklet for
CIELCh(35, 19.434, 157.001)
contains.

CIELCh(35, 19.517, 157.315)	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, 19.517, 157.315)

Conversions

Conversions Part 1

Format	Color
Hex	365A46
RGB	54, 90, 70
RGB Percent	21%, 35%, 27%
CMY	0.7890, 0.6478, 0.7262
CMYK	0.40, 0.00, 0.22, 0.65
HSL	147°, 25%, 28%
HSV	147°, 40%, 35%
XYZ	6.2506, 8.4984, 7.0746
YIQ	76.9560, -15.0360, -13.8520

Conversions

Conversions Part 2

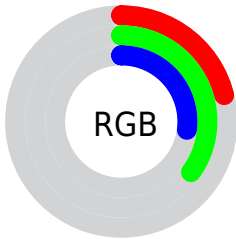
Format	Color
RYB	54, 79, 90
Decimal	3562054
CIELab	35.00, -18.01, 7.53
CIELCh	35, 19.517, 157.315
Yxy	8.4984, 0.2864, 0.3894
Android (android.graphics.Color)	4281752134 (0xFF365A46)
YUV	76.9560, -3.4293, -20.1324
Hunter-Lab	29.1520, -12.7429, 6.0179

Details

The CIELCh color **35, 19.517, 157.315** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 20.160, 344.131**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 19.549, 157.370**, and **15, 19.486, 157.802** is the 20% darker color. If you saturate the color by 10%, you get **34, 24.102, 156.167**, and if you desaturate by 10%, it is **36, 14.753, 158.335**.

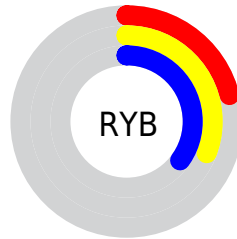
Distribution



Red (21%)

Green (35%)

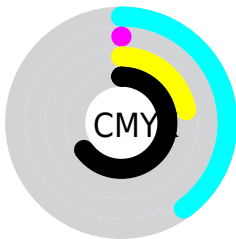
Blue (27%)



Red (21%)

Yellow (31%)

Blue (35%)

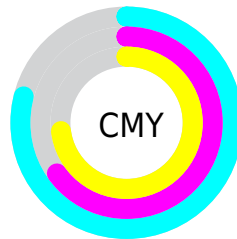


Cyan (40%)

Magenta (0%)

Yellow (22%)

Black (65%)



Cyan (79%)


Magenta (65%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 19.517, 157.315 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, 19.517, 157.315 by changing the saturation by 10% instead.


 35, 19.517,
157.315


 35, 19.517,
157.315


 100, 19.517,
157.315


 25, 19.517,
157.315

 55, 19.517,
157.315


 15, 19.517,
157.315


 65, 19.517,
157.315

 5, 19.517, 157.315

 75, 19.517,
157.315

 0, 19.517, 157.315

 85, 19.517,
157.315

 95, 19.517,
157.315

■ 35, 19.517,
157.315

■ 35, 19.517,
157.315

■ 34, 24.102,
156.167

■ 36, 14.753,
158.335

■ 34, 28.434,
154.873

■ 36, 9.879, 159.249

■ 37, 4.955, 160.084

■ 34, 32.443,
153.415

■ 38, 0.035, 166.971

■ 33, 36.071,
151.781

■ 39, 4.841, 341.398

■ 40, 9.641, 342.031

■ 33, 39.285,
149.973

■ 41, 14.342,
342.601

■ 33, 42.298,
148.314

■ 42, 18.930,
343.126

■ 44, 23.395,
343.613

Harmonies

Complementary

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



35, 19.517, 157.315



28, 20.160, 344.131

Rectangle

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



35, 19.517, 157.315



35, 19.517, 207.315



35, 19.517, 337.315



35, 19.517, 27.315

Sweetspot

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



35, 19.518, 157.314



48, 7.356, 159.896



36, 22.994, 124.895



24, 4.830, 159.841



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, 19.518, 157.314



45, 28.810, 156.229



36, 13.814, 191.315



18, 2.804, 160.184



40, 49.282, 147.696



83, 89.784, 146.143

Inverse Universe

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



28, 20.160, 344.131



34, 29.876, 345.162



27, 17.311, 17.833



17, 2.829, 341.375



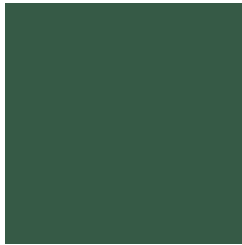
22, 46.467, 355.004



51, 81.130, 357.485

Previews

White Background



This preview shows how the CIE LCh color 35, 19.517, 157.315 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, 19.517, 157.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

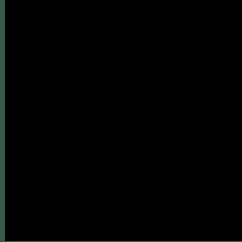
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 19.517, 157.315

Background



This preview shows how black text looks on a background with the CIELCh color 35, 19.517, 157.315.



This preview shows how white text looks on a background with the CIELCh color 35, 19.517, 157.315.

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, 19.517, 157.315

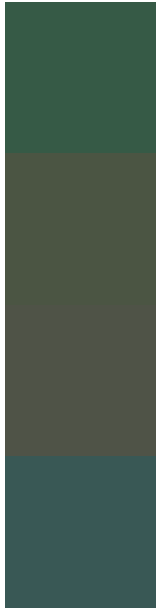
Protanopia
35, 10.190, 95.369

Deuteranopia
35, 8.156, 52.266



Tritanopia
35, 11.213, 221.229

Trichromacy



Original Color
35, 19.517, 157.315

Protanomaly
35, 12.038, 130.132

Deuteranomaly
35, 7.677, 122.337

Tritanomaly
35, 12.297, 188.929

Monochromacy



Original Color
35, 19.517, 157.315

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 7.568, 156.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 19.517, 157.315 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, 90, 70)` looks like.

```
.text, #text, p{  
    color:rgb(54, 90, 70)  
}
```

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, 90, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 90, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 19.517, 157.315 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, 90, 70) }
```

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

```
.border{ border-color:rgb(54, 90, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 90, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 90, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 90, 70);  
box-shadow:4px 4px 4px 4px rgb(54, 90, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 19.517, 157.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 90, 70) }
```

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

```
.background{ background-color: rgb(54, 90,  
70) }
```

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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