

Converting Colors

CIELCh(35, 50.765, 136.937)

Have a look what the booklet for
CIELCh(35, 50.765, 136.937)
contains.

CIELCh(35, 50.527, 136.862)	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, 50.527, 136.862)

Conversions

Conversions Part 1

Format	Color
Hex	195F14
RGB	25, 95, 20
RGB Percent	10%, 37%, 8%
CMY	0.9005, 0.6263, 0.9204
CMYK	0.73, 0.00, 0.79, 0.63
HSL	116°, 65%, 23%
HSV	116°, 79%, 37%
XYZ	4.6567, 8.4984, 2.0705
YIQ	65.5200, -17.6450, -38.1650

Conversions

Conversions Part 2

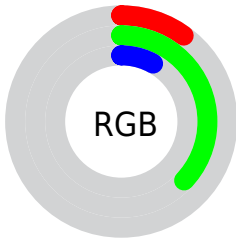
Format	Color
R_{YB}	20, 95, 90
Decimal	1662740
CIE _{Lab}	35.00, -36.87, 34.55
CIE _{LCh}	35, 50.527, 136.862
Yxy	8.4984, 0.3058, 0.5582
Android (android.graphics.Color)	4279852820 (0xFF195F14)
YUV	65.5200, -22.4414, -35.5360
Hunter-Lab	29.1520, -22.5026, 16.1954

Details

The CIELCh color **35, 50.527, 136.862** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **22, 49.966, 325.635**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 50.440, 136.578**, and **16, 34.389, 139.895** is the 20% darker color. If you saturate the color by 10%, you get **35, 54.319, 136.238**, and if you desaturate by 10%, it is **35, 45.654, 137.668**.

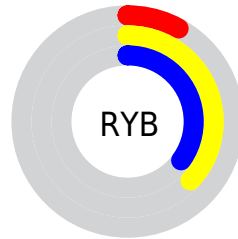
Distribution



Red (10%)

Green (37%)

Blue (8%)



Red (8%)

Yellow (37%)

Blue (35%)

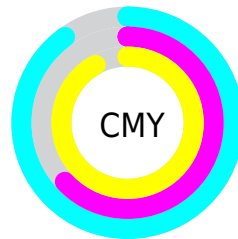


Cyan (73%)

Magenta (0%)

Yellow (79%)

Black (63%)



Cyan (90%)


Magenta (63%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 50.527, 136.862 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, 50.527, 136.862 by changing the saturation by 10% instead.


 35, 50.527,
136.862

 35, 50.527,
136.862

 100, 50.527,
136.862


 25, 50.527,
136.862

 55, 50.527,
136.862


 15, 50.527,
136.862

 65, 50.527,
136.862

 5, 50.527, 136.862

 75, 50.527,
136.862

 0, 50.527, 136.862

 85, 50.527,
136.862

 95, 50.527,
136.862

■ 35, 50.527,
136.862

■ 35, 50.527,
136.862

■ 35, 54.319,
136.238

■ 35, 45.654,
137.668

■ 35, 57.382,
135.527

■ 36, 39.954,
138.547

■ 35, 57.792,
135.409

■ 36, 33.665,
139.419

■ 37, 26.987,
140.236

■ 38, 20.079,
140.974

■ 39, 13.068,
141.629

■ 40, 6.050, 142.208

■ 41, 0.903, 322.517

Harmonies

Complementary

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



35, 50.527, 136.862



22, 49.966, 325.635

Rectangle

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



35, 50.527, 136.862



35, 50.527, 186.862



35, 50.527, 316.862



35, 50.527, 6.862

Sweetspot

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



35, 50.527, 136.863



50, 20.987, 141.243



37, 38.656, 99.167



25, 14.532, 141.073



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 50.527, 136.863



45, 68.478, 135.914



35, 38.257, 150.653



19, 3.955, 142.197



41, 64.930, 135.510



83, 113.956, 135.799

Inverse Universe

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



22, 49.966, 325.635



28, 66.879, 325.698



21, 38.342, 347.716



18, 3.966, 323.007



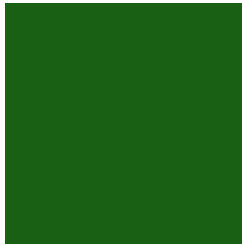
24, 63.316, 325.702



54, 110.720, 325.545

Previews

White Background



This preview shows how the CIELCh color 35, 50.527, 136.862 looks on a white background.

Color Contrast Check

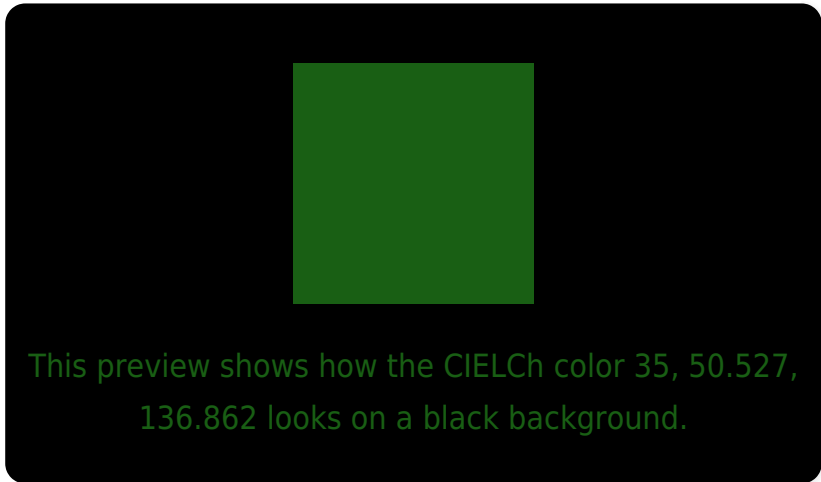
Large Text (above 18pt) WCAG AA ✓ Pass

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

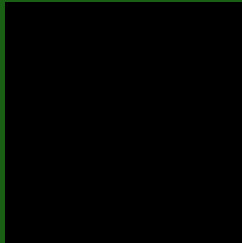
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 50.527, 136.862

Background



This preview shows how black text looks on a background with the CIELCh color 35, 50.527, 136.862.



This preview shows how white text looks on a background with the CIELCh color 35, 50.527, 136.862.

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, 50.527, 136.862

Protanopia

35, 37.184, 95.833

Deuteranopia

35, 32.912, 81.754



Tritanopia
35, 15.433, 214.158

Trichromacy



Original Color
35, 50.527, 136.862

Protanomaly
34, 39.770, 117.318

Deuteranomaly
34, 34.532, 111.787

Tritanomaly
35, 25.144, 161.413

Monochromacy



Original Color
35, 50.527, 136.862

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 21.266, 140.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 50.527, 136.862 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(25, 95, 20)` looks like.

```
.text, #text, p{  
    color:rgb(25, 95, 20)  
}
```

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(25, 95, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 95, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 50.527, 136.862 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(25, 95, 20) }
```

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

```
.border{ border-color:rgb(25, 95, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 95, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 95, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 95, 20);  
box-shadow:4px 4px 4px 4px rgb(25, 95, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 50.527, 136.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 95, 20) }
```

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

```
.background{ background-color: rgb(25, 95,  
20) }
```

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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