

Converting Colors

CIELCh(35, 44.277, 128.006)

Have a look what the booklet for
CIELCh(35, 44.277, 128.006)
contains.

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Color

CIELCh(35, 44.190, 127.725)

Conversions

Conversions Part 1

Format	Color
Hex	355C14
RGB	53, 92, 20
RGB Percent	21%, 36%, 8%
CMY	0.7914, 0.6385, 0.9208
CMYK	0.42, 0.00, 0.78, 0.64
HSL	93°, 64%, 22%
HSV	93°, 78%, 36%
XYZ	5.4485, 8.4984, 2.0238
YIQ	72.1310, -0.1320, -30.6600

Conversions

Conversions Part 2

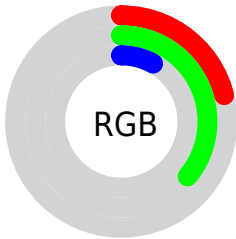
Format	Color
R_{YB}	20, 92, 59
Decimal	3496980
CIE _{Lab}	35.00, -27.04, 34.95
CIE _{LCh}	35, 44.190, 127.725
Yxy	8.4984, 0.3412, 0.5321
Android (android.graphics.Color)	4281687060 (0xFF355C14)
YUV	72.1310, -25.7006, -16.7779
Hunter-Lab	29.1520, -17.6546, 16.2903

Details

The CIELCh color **35, 44.190, 127.725** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **17, 48.605, 313.635**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 44.632, 127.891**, and **15, 32.962, 140.103** is the 20% darker color. If you saturate the color by 10%, you get **35, 47.987, 127.947**, and if you desaturate by 10%, it is **35, 39.586, 127.801**.

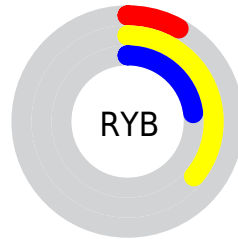
Distribution



Red (21%)

Green (36%)

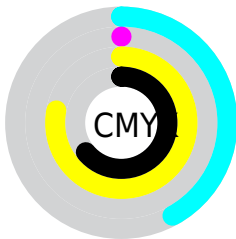
Blue (8%)



Red (8%)

Yellow (36%)

Blue (23%)

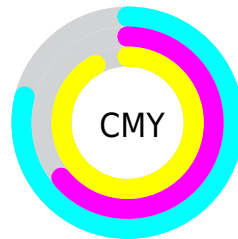


Cyan (42%)

Magenta (0%)

Yellow (78%)

Black (64%)



Cyan (79%)

Magenta (64%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 44.190, 127.725 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, 44.190, 127.725 by changing the saturation by 10% instead.

 35, 44.190,
127.725

 35, 44.190,
127.725

 100, 44.190,
127.725

 25, 44.190,
127.725

 55, 44.190,
127.725

 15, 44.190,
127.725


 65, 44.190,
127.725

 5, 44.190, 127.725

 75, 44.190,
127.725

 0, 44.190, 127.725

 85, 44.190,
127.725

 95, 44.190,
127.725

■ 35, 44.190,
127.725

■ 35, 44.190,
127.725

■ 35, 47.987,
127.947

■ 35, 39.586,
127.801

■ 34, 51.303,
128.228

■ 36, 34.398,
128.070

■ 34, 51.963,
128.237

■ 36, 28.816,
128.450

■ 37, 22.986,
128.885

■ 37, 17.009,
129.335

■ 38, 10.961,
129.780

■ 39, 4.894, 130.208

■ 39, 1.154, 310.519

Harmonies

Complementary

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



35, 44.190, 127.725



17, 48.605, 313.635

Rectangle

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



35, 44.190, 127.725



35, 44.190, 177.725



35, 44.190, 307.725



35, 44.190, 357.725

Sweetspot

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



35, 44.190, 127.726



48, 17.293, 129.531



28, 30.905, 69.196



25, 12.061, 129.419



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 44.190, 127.726



45, 60.837, 128.443



34, 48.758, 138.551



19, 3.376, 130.177



41, 58.899, 128.587



84, 104.909, 129.610

Inverse Universe

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



17, 48.605, 313.635



19, 67.898, 313.422



22, 47.552, 328.940



17, 3.414, 310.849



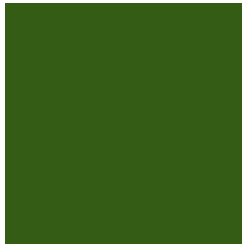
16, 66.113, 313.421



39, 117.242, 312.710

Previews

White Background



This preview shows how the CIELCh color 35, 44.190, 127.725 looks on a white background.

Color Contrast Check

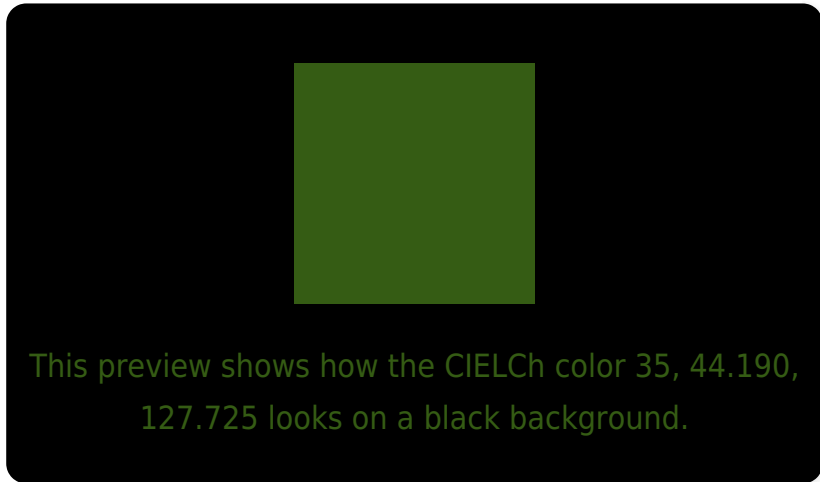
Large Text (above 18pt) WCAG AA ✓ Pass

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

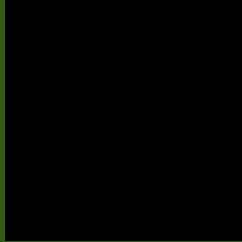
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 44.190, 127.725

Background



This preview shows how black text looks on a background with the CIELCh color 35, 44.190, 127.725.



This preview shows how white text looks on a background with the CIELCh color 35, 44.190, 127.725.

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

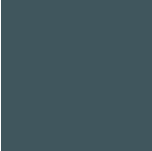
35, 44.190, 127.725

Protanopia

35, 36.790, 95.821

Deuteranopia

35, 33.387, 81.980



Tritanopia
35, 9.380, 226.336

Trichromacy



Original Color
35, 44.190, 127.725

Protanomaly
35, 37.937, 109.909

Deuteranomaly
34, 33.772, 102.631

Tritanomaly
35, 17.820, 150.061

Monochromacy



Original Color
35, 44.190, 127.725

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 17.501, 129.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 44.190, 127.725 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(53, 92, 20)` looks like.

```
.text, #text, p{  
    color:rgb(53, 92, 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(53, 92, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 92, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 44.190, 127.725 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(53, 92, 20) }
```

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

```
.border{ border-color:rgb(53, 92, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 92, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 92, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 92, 20);  
box-shadow:4px 4px 4px 4px rgb(53, 92, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 44.190, 127.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 92, 20) }
```

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

```
.background{ background-color: rgb(53, 92,  
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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