

Converting Colors

CIELCh(34, 41.549, 127.079)

Have a look what the booklet for
CIELCh(34, 41.549, 127.079)
contains.

CIELCh(34, 41.544, 127.077)	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(34, 41.544, 127.077)

Conversions

Conversions Part 1

Format	Color
Hex	365916
RGB	54, 89, 22
RGB Percent	21%, 35%, 9%
CMY	0.7878, 0.6506, 0.9133
CMYK	0.39, 0.00, 0.75, 0.65
HSL	91°, 60%, 22%
HSV	91°, 75%, 35%
XYZ	5.2543, 8.0082, 2.0334
YIQ	70.8970, 0.6470, -28.2570

Conversions

Conversions Part 2

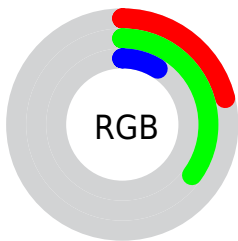
Format	Color
R_{YB}	22, 89, 57
Decimal	3561750
CIE _{Lab}	34.00, -25.05, 33.14
CIE _{LCh}	34, 41.544, 127.077
Yxy	8.0082, 0.3435, 0.5236
Android (android.graphics.Color)	4281751830 (0xFF365916)
YUV	70.8970, -24.1062, -14.8187
Hunter-Lab	28.2988, -16.3805, 15.5489

Details

The CIELCh color $34, 41.544, 127.077$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $16, 45.818, 313.042$, and the grayscale version is $30, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 41.131, 127.095$, and $14, 31.061, 139.380$ is the 20% darker color. If you saturate the color by 10%, you get $34, 45.490, 127.203$, and if you desaturate by 10%, it is $34, 36.891, 127.214$.

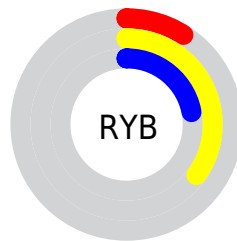
Distribution



Red (21%)

Green (35%)

Blue (9%)



Red (9%)

Yellow (35%)

Blue (22%)

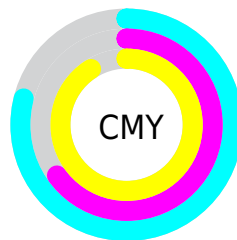


Cyan (39%)

Magenta (0%)

Yellow (75%)

Black (65%)



Cyan (79%)


Magenta (65%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 41.544, 127.077 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 34, 41.544, 127.077 by changing the saturation by 10% instead.


 34, 41.544,
127.077


 34, 41.544,
127.077

 100, 41.544,
127.077


 24, 41.544,
127.077

 54, 41.544,
127.077


 14, 41.544,
127.077


 64, 41.544,
127.077

 4, 41.544, 127.077

 74, 41.544,
127.077

 0, 41.544, 127.077

 84, 41.544,
127.077

 94, 41.544,
127.077

■ 34, 41.544,
127.077

■ 34, 41.544,
127.077

■ 34, 45.490,
127.203

■ 34, 36.891,
127.214

■ 33, 48.781,
127.525

■ 35, 31.739,
127.517

■ 33, 50.426,
127.561

■ 35, 26.255,
127.912

■ 36, 20.566,
128.350

■ 36, 14.759,
128.799

■ 37, 8.899, 129.238

■ 38, 3.030, 129.667

■ 38, 2.813, 310.005

Harmonies

Complementary

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



34, 41.544, 127.077



16, 45.818, 313.042

Rectangle

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



34, 41.544, 127.077



34, 41.544, 177.077



34, 41.544, 307.077



34, 41.544, 357.077

Sweetspot

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



34, 41.544, 127.078



47, 16.605, 128.864



27, 28.833, 68.122



23, 11.581, 128.756



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 41.544, 127.078



43, 57.205, 127.538



33, 46.628, 138.537



17, 3.201, 129.514



40, 57.560, 127.944



83, 103.416, 129.013

Inverse Universe

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



16, 45.818, 313.042



18, 64.231, 313.063



22, 45.723, 328.285



16, 3.238, 310.185



15, 65.259, 312.986



38, 116.773, 312.248

Previews

White Background



This preview shows how the CIELCh color 34, 41.544, 127.077 looks on a white background.

Color Contrast Check

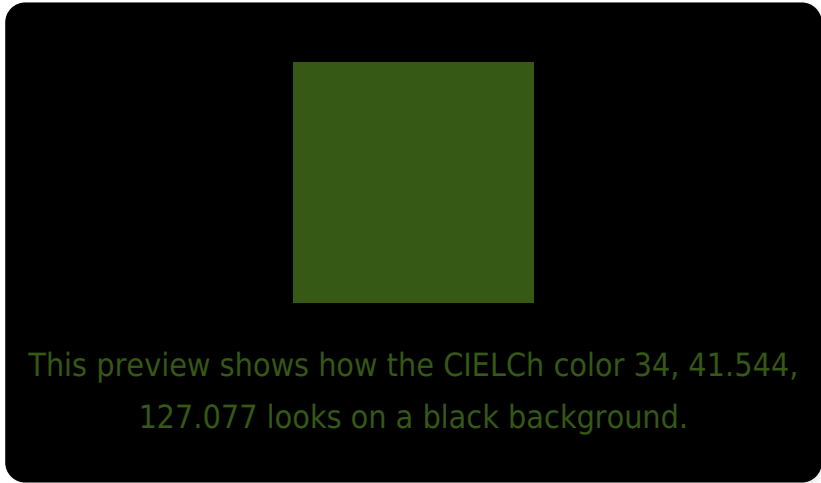
Large Text (above 18pt) WCAG AA ✓ Pass

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

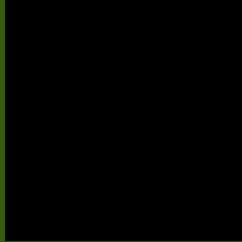
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 41.544, 127.077

Background



This preview shows how black text looks on a background with the CIELCh color 34, 41.544, 127.077.



This preview shows how white text looks on a background with the CIELCh color 34, 41.544, 127.077.

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

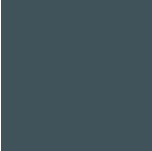
34, 41.544, 127.077

Protanopia

34, 35.084, 95.603

Deuteranopia

34, 31.792, 81.914



Tritanopia
34, 8.482, 229.896

Trichromacy



Original Color
34, 41.544, 127.077

Protanomaly
34, 35.689, 108.911

Deuteranomaly
34, 32.353, 102.700

Tritanomaly
34, 16.621, 148.535

Monochromacy



Original Color
34, 41.544, 127.077

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 16.788, 128.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 41.544, 127.077 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, 89, 22)` looks like.

```
.text, #text, p{  
    color:rgb(54, 89, 22)  
}
```

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, 89, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 89, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 41.544, 127.077 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, 89, 22) }
```

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

```
.border{ border-color:rgb(54, 89, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 89, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 89, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 89, 22);  
box-shadow:4px 4px 4px 4px rgb(54, 89, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 41.544, 127.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 89, 22) }
```

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

```
.background{ background-color: rgb(54, 89,  
22) }
```

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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