

Converting Colors

CIELCh(32, 53.528, 160.195)

Have a look what the booklet for
CIELCh(32, 53.528, 160.195)
contains.

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Color

CIELCh(34, 41.269, 150.333)

Conversions

Conversions Part 1

Format	Color
Hex	025D2E
RGB	2, 93, 46
RGB Percent	1%, 36%, 18%
CMY	0.9939, 0.6359, 0.8205
CMYK	0.98, 0.00, 0.51, 0.64
HSL	149°, 97%, 19%
HSV	149°, 98%, 36%
XYZ	4.4093, 8.0082, 3.8740
YIQ	60.4330, -39.1490, -33.9090

Conversions

Conversions Part 2

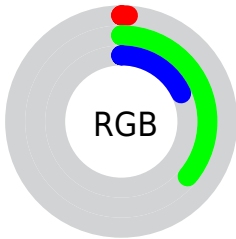
Format	Color
R_{YB}	2, 63, 93
Decimal	154926
CIE _{Lab}	34.00, -35.86, 20.43
CIE _{LCh}	34, 41.269, 150.333
Yxy	8.0082, 0.2706, 0.4916
Android (android.graphics.Color)	4278345006 (0xFF025D2E)
YUV	60.4330, -7.1155, -51.2457
Hunter-Lab	28.2988, -21.7106, 11.6926

Details

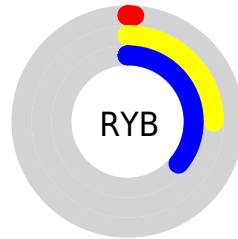
The CIELCh color **34, 41.269, 150.333** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18, 40.592, 357.174**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 40.844, 150.499**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 41.759, 150.066**, and if you desaturate by 10%, it is **34, 38.317, 152.115**.

Distribution



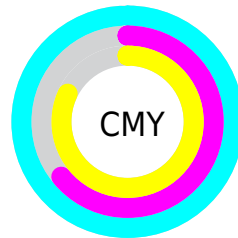
- Red (1%)
- Green (36%)
- Blue (18%)



- Red (1%)
- Yellow (25%)
- Blue (36%)



- Cyan (98%)
- Magenta (0%)
- Yellow (51%)
- Black (64%)





- Cyan (99%)
- Magenta (64%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 41.269, 150.333 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, 41.269, 150.333 by changing the saturation by 10% instead.

 34, 41.269,
150.333


 34, 41.269,
150.333

 100, 41.269,
150.333


 24, 41.269,
150.333

 54, 41.269,
150.333


 14, 41.269,
150.333


 64, 41.269,
150.333

 4, 41.269, 150.333

 74, 41.269,
150.333

 0, 41.269, 150.333

 84, 41.269,
150.333

 94, 41.269,
150.333

■ 34, 41.269,
150.333

■ 34, 41.269,
150.333

■ 34, 41.759,
150.066

■ 34, 38.317,
152.115

■ 34, 35.116,
153.924

■ 35, 31.499,
155.550

■ 35, 27.502,
157.000

■ 36, 23.184,
158.289

■ 36, 18.613,
159.435

■ 37, 13.863,
160.460

■ 38, 9.002, 161.384

Harmonies

Complementary

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



34, 41.269, 150.333



18, 40.592, 357.174

Rectangle

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



34, 41.269, 150.333



34, 41.269, 200.333



34, 41.269, 330.333



34, 41.269, 20.333

Sweetspot

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



34, 41.269, 150.333



47, 18.082, 160.206



35, 50.744, 126.337



24, 12.409, 159.923



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 41.269, 150.333



44, 50.778, 149.310



35, 24.086, 194.066



18, 2.724, 162.199



40, 47.421, 149.554



83, 86.353, 147.978

Inverse Universe

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



18, 40.592, 357.174



25, 48.835, 358.853



17, 45.643, 33.848



17, 2.753, 343.432



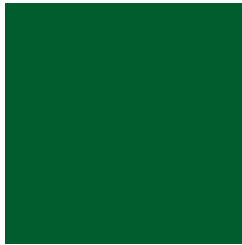
22, 45.890, 358.436



51, 80.329, 1.240

Previews

White Background



This preview shows how the CIELCh color 34, 41.269, 150.333 looks on a white background.

Color Contrast Check

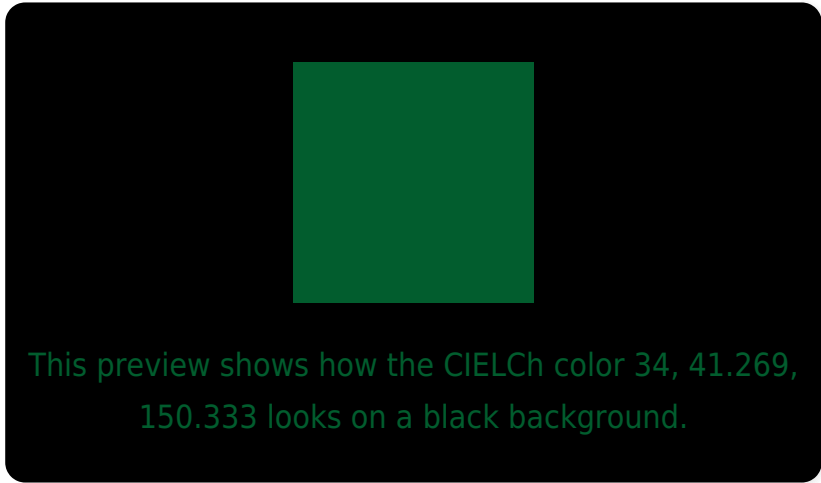
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.269, 150.333

Background



This preview shows how black text looks on a background with the CIELCh color 34, 41.269, 150.333.



This preview shows how white text looks on a background with the CIELCh color 34, 41.269, 150.333.

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, 41.208, 150.369

Protanopia

34, 24.177, 96.463

Deuteranopia

34, 19.460, 75.014



Tritanopia
34, 17.535, 211.897

Trichromacy



Original Color
34, 41.208, 150.369

Protanomaly
33, 28.683, 132.458

Deuteranomaly
32, 22.969, 130.340

Tritanomaly
34, 24.154, 176.389

Monochromacy



Original Color
34, 41.208, 150.369

Achromatopsia
25, 0.004, 296.813

Achromatomaly
28, 17.896, 158.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 41.269, 150.333 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(2, 93, 46)` looks like.

```
.text, #text, p{  
    color:rgb(2, 93, 46)  
}
```

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(2, 93, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 93, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 41.269, 150.333 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(2, 93, 46) }
```

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

```
.border{ border-color:rgb(2, 93, 46) }
```

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

Here you see how a box with a 4 pixel rgb(2, 93, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 93, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 93, 46); box-shadow:4px  
4px 4px 4px rgb(2, 93, 46) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 41.269, 150.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 93, 46) }
```

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

```
.background{ background-color: rgb(2, 93,  
46) }
```

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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