

Converting Colors

CIELCh(25, 39.989, 140.913)

Have a look what the booklet for
CIELCh(25, 39.989, 140.913)
contains.

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Color

CIELCh(25, 40.051, 141.138)

Conversions

Conversions Part 1

Format	Color
Hex	054612
RGB	5, 70, 18
RGB Percent	2%, 27%, 7%
CMY	0.9785, 0.7268, 0.9307
CMYK	0.92, 0.00, 0.75, 0.73
HSL	131°, 85%, 15%
HSV	131°, 92%, 27%
XYZ	2.3440, 4.4155, 1.2871
YIQ	44.6370, -22.0480, -29.9520

Conversions

Conversions Part 2

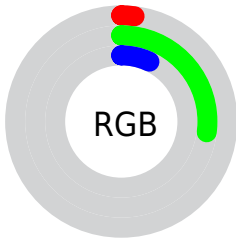
Format	Color
RYB	5, 59, 70
Decimal	345618
CIELab	25.00, -31.19, 25.13
CIELCh	25, 40.051, 141.138
Yxy	4.4155, 0.2913, 0.5487
Android (android.graphics.Color)	4278535698 (0xFF054612)
YUV	44.6370, -13.1320, -34.7616
Hunter-Lab	21.0130, -16.8612, 11.0774

Details

The CIELCh color **25, 40.051, 141.138** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14, 37.818, 335.871**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 40.072, 141.266**, and **7, 17.780, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 42.393, 140.397**, and if you desaturate by 10%, it is **25, 36.846, 142.458**.

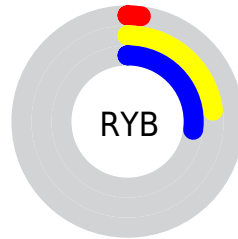
Distribution



Red (2%)

Green (27%)

Blue (7%)



Red (2%)

Yellow (23%)

Blue (27%)

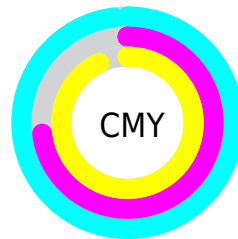


Cyan (92%)

Magenta (0%)

Yellow (75%)

Black (73%)



Cyan (98%)


Magenta (73%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 40.051, 141.138 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 25, 40.051, 141.138 by changing the saturation by 10% instead.

 25, 40.051,
141.138


 25, 40.051,
141.138

 100, 40.051,
141.138


 15, 40.051,
141.138


 45, 40.051,
141.138


 5, 40.051, 141.138

 55, 40.051,
141.138

 0, 40.051, 141.138

 65, 40.051,
141.138

 75, 40.051,
141.138

 85, 40.051,
141.138

 95, 40.051,

141.138

■ 25, 40.051,
141.138

■ 25, 40.051,
141.138

■ 25, 42.393,
140.397

■ 25, 36.846,
142.458

■ 25, 33.217,
143.813

■ 26, 29.181,
145.058

■ 26, 24.825,
146.179

■ 27, 20.234,
147.174

■ 27, 15.491,
148.050

■ 28, 10.668,
148.819

■ 29, 5.823, 149.500

■ 29, 1.007, 150.205

Harmonies

Complementary

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



25, 40.051, 141.138



14, 37.818, 335.871

Rectangle

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



25, 40.051, 141.138



25, 40.051, 191.138



25, 40.051, 321.138



25, 40.051, 11.138

Sweetspot

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



25, 40.051, 141.138



36, 16.991, 148.286



27, 36.383, 112.912



17, 11.556, 148.117



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



25, 40.051, 141.138



33, 52.135, 139.582



26, 25.679, 164.260



14, 2.728, 149.723



36, 55.381, 139.389



79, 104.197, 138.141

Inverse Universe

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



14, 37.818, 335.871



19, 47.723, 336.799



12, 31.125, 10.727



13, 2.737, 330.612



21, 50.394, 336.906



52, 91.133, 337.696

Previews

White Background



This preview shows how the CIELCh color 25, 40.051, 141.138 looks on a white background.

Color Contrast Check

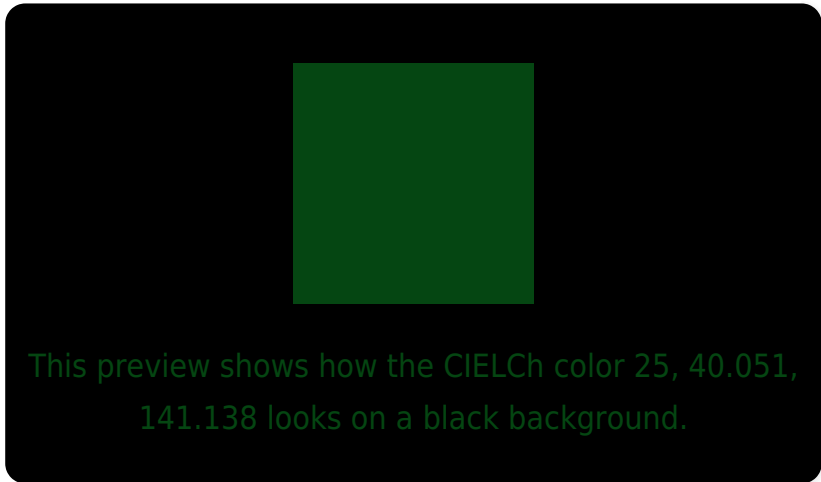
Large Text (above 18pt) WCAG AA ✓ Pass

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

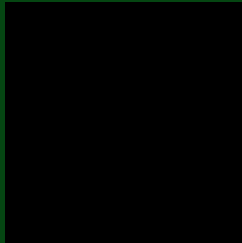
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 40.051, 141.138

Background



This preview shows how black text looks on a background with the CIELCh color 25, 40.051, 141.138.



This preview shows how white text looks on a background with the CIELCh color 25, 40.051, 141.138.

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
25, 40.168, 141.323

Protanopia
25, 27.854, 96.490

Deuteranopia
25, 23.797, 82.769



Tritanopia
25, 13.255, 211.942

Trichromacy



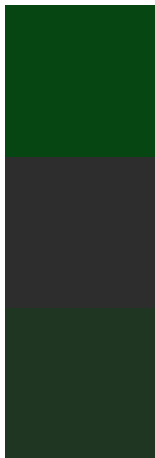
Original Color
25, 40.168, 141.323

Protanomaly
25, 30.720, 122.441

Deuteranomaly
24, 26.412, 119.407

Tritanomaly
25, 21.053, 166.003

Monochromacy



Original Color
25, 40.168, 141.323

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 16.745, 146.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 40.051, 141.138 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(5, 70, 18)` looks like.

```
.text, #text, p{  
    color:rgb(5, 70, 18)  
}
```

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(5, 70, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 70, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 40.051, 141.138 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(5, 70, 18) }
```

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

```
.border{ border-color:rgb(5, 70, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 70, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 70, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 70, 18); box-shadow:4px  
4px 4px 4px rgb(5, 70, 18) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 40.051, 141.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 70, 18) }
```

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

```
.background{ background-color: rgb(5, 70,  
18) }
```

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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