

Converting Colors

CIELCh(25, 30.369, 155.713)

Have a look what the booklet for
CIELCh(25, 30.369, 155.713)
contains.

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Color

CIELCh(25, 30.135, 156.165)

Conversions

Conversions Part 1

Format	Color
Hex	014528
RGB	1, 69, 40
RGB Percent	0%, 27%, 16%
CMY	0.9961, 0.7294, 0.8431
CMYK	0.99, 0.00, 0.42, 0.73
HSL	154°, 97%, 14%
HSV	154°, 99%, 27%
XYZ	2.5234, 4.4155, 2.7265
YIQ	45.3620, -31.2190, -23.4350

Conversions

Conversions Part 2

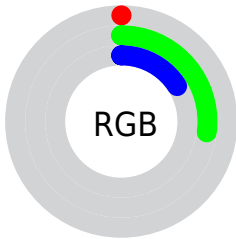
Format	Color
R _Y B	1, 44, 69
Decimal	83240
CIE Lab	25.00, -27.56, 12.18
CIE LCh	25, 30.135, 156.165
Yxy	4.4155, 0.2611, 0.4568
Android (android.graphics.Color)	4278273320 (0xFF014528)
YUV	45.3620, -2.6435, -38.9055
Hunter-Lab	21.0130, -15.3376, 7.0161

Details

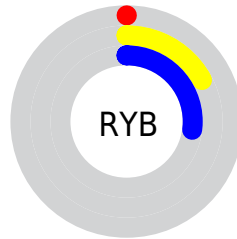
The CIELCh color **25, 30.135, 156.165** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12, 32.644, 2.917**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 30.164, 155.788**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 30.469, 155.975**, and if you desaturate by 10%, it is **25, 27.851, 157.626**.

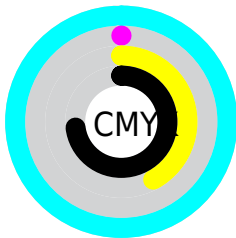
Distribution



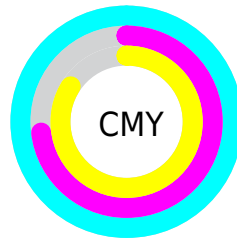
- Red (0%)
- Green (27%)
- Blue (16%)



- Red (0%)
- Yellow (17%)
- Blue (27%)



- Cyan (99%)
- Magenta (0%)
- Yellow (42%)
- Black (73%)





- Cyan (100%)
- Magenta (73%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 30.135, 156.165 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, 30.135, 156.165 by changing the saturation by 10% instead.

 25, 30.135,
156.165


 25, 30.135,
156.165


 100, 30.135,
156.165


 15, 30.135,
156.165


 45, 30.135,
156.165


 5, 30.135, 156.165

 55, 30.135,
156.165

 0, 30.135, 156.165

 65, 30.135,
156.165

 75, 30.135,
156.165

 85, 30.135,
156.165

 95, 30.135,

156.165

■ 25, 30.135,
156.165

■ 25, 30.135,
156.165

■ 25, 30.469,
155.975

■ 25, 27.851,
157.626

■ 25, 25.530,
159.272

■ 26, 22.927,
160.775

■ 26, 20.051,
162.126

■ 26, 16.941,
163.341

■ 27, 13.642,
164.438

■ 27, 10.202,
165.435

■ 28, 6.668, 166.351

■ 29, 3.081, 167.217

Harmonies

Complementary

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



25, 30.135, 156.165



12, 32.644, 2.917

Rectangle

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



25, 30.135, 156.165



25, 30.135, 206.165



25, 30.135, 336.165



25, 30.135, 26.165

Sweetspot

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



25, 30.135, 156.165



36, 13.244, 165.180



25, 41.985, 128.532



17, 9.097, 164.985



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, 30.135, 156.165



33, 36.937, 154.994



24, 17.989, 206.355



14, 2.065, 167.209



37, 40.089, 154.642



80, 75.784, 152.825

Inverse Universe

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



12, 32.644, 2.917



17, 39.263, 5.188



12, 34.151, 32.066



13, 2.095, 348.425



19, 42.324, 5.917



48, 77.447, 9.838

Previews

White Background



This preview shows how the CIELCh color 25, 30.135, 156.165 looks on a white background.

Color Contrast Check

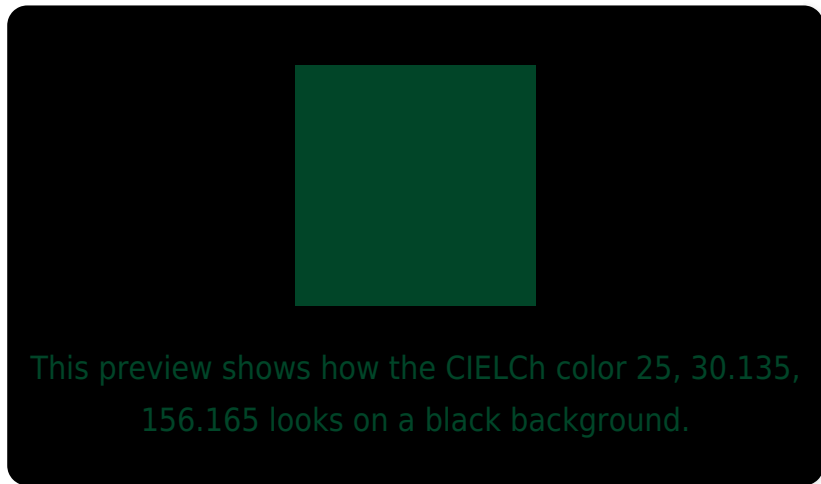
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.135, 156.165

Background



This preview shows how black text looks on a background with the CIELCh color 25, 30.135, 156.165.



This preview shows how white text looks on a background with the CIELCh color 25, 30.135, 156.165.

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, 30.135, 156.165

Protanopia
25, 15.757, 97.516

Deuteranopia
25, 11.690, 71.047



Tritanopia
25, 14.252, 213.579

Trichromacy



Original Color
25, 30.135, 156.165

Protanomaly
24, 19.627, 137.053

Deuteranomaly
24, 14.374, 137.115

Tritanomaly
25, 18.033, 183.674

Monochromacy



Original Color
25, 30.135, 156.165

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 13.391, 163.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 30.135, 156.165 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(1, 69, 40)` looks like.

```
.text, #text, p{  
    color:rgb(1, 69, 40)  
}
```

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(1, 69, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 69, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 30.135, 156.165 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(1, 69, 40) }
```

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

```
.border{ border-color:rgb(1, 69, 40) }
```

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

Here you see how a box with a 4 pixel rgb(1, 69, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 69, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 69, 40); box-shadow:4px  
4px 4px 4px rgb(1, 69, 40) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 30.135, 156.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 69, 40) }
```

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

```
.background{ background-color: rgb(1, 69,  
40) }
```

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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