

Converting Colors

CIELCh(25, 28.533, 150.634)

Have a look what the booklet for
CIELCh(25, 28.533, 150.634)
contains.

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Color

CIELCh(25, 28.545, 150.505)

Conversions

Conversions Part 1

Format	Color
Hex	124425
RGB	18, 68, 37
RGB Percent	7%, 27%, 15%
CMY	0.9288, 0.7328, 0.8544
CMYK	0.73, 0.00, 0.46, 0.73
HSL	143°, 58%, 17%
HSV	143°, 73%, 27%
XYZ	2.6639, 4.4155, 2.4725
YIQ	49.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

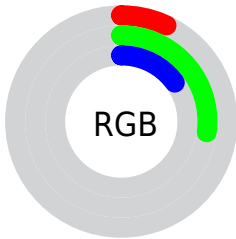
Format	Color
RYB	18, 54, 68
Decimal	1197093
CIELab	25.00, -24.85, 14.05
CIELCh	25, 28.545, 150.505
Yxy	4.4155, 0.2789, 0.4623
Android (android.graphics.Color)	4279387173 (0xFF124425)
YUV	49.5160, -6.1704, -27.6395
Hunter-Lab	21.0130, -14.1437, 7.7327

Details

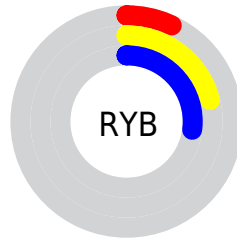
The CIELCh color **25, 28.545, 150.505** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15, 28.758, 344.045**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 28.690, 150.262**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 31.631, 148.967**, and if you desaturate by 10%, it is **25, 25.155, 151.885**.

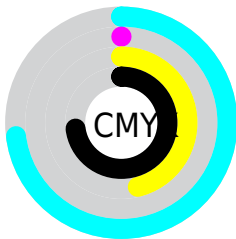
Distribution



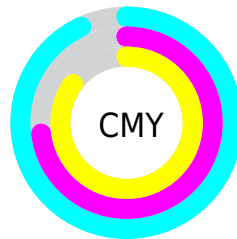
- Red (7%)
- Green (27%)
- Blue (15%)



- Red (7%)
- Yellow (21%)
- Blue (27%)



- Cyan (73%)
- Magenta (0%)
- Yellow (46%)
- Black (73%)





- Cyan (93%)
- Magenta (73%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 28.545, 150.505 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, 28.545, 150.505 by changing the saturation by 10% instead.

 25, 28.545,
150.505


 25, 28.545,
150.505

 100, 28.545,
150.505

 15, 28.545,
150.505


 45, 28.545,
150.505


 5, 28.545, 150.505

 55, 28.545,
150.505

 0, 28.545, 150.505

 65, 28.545,
150.505

 75, 28.545,
150.505

 85, 28.545,
150.505

 95, 28.545,

150.505

■ 25, 28.545,
150.505

■ 25, 28.545,
150.505

■ 25, 31.631,
148.967

■ 25, 25.155,
151.885

■ 25, 34.484,
147.440

■ 26, 21.508,
153.114

■ 24, 36.364,
146.604

■ 26, 17.660,
154.204

■ 27, 13.670,
155.173

■ 27, 9.593, 156.036

■ 28, 5.477, 156.815

■ 29, 1.364, 157.595

■ 29, 2.713, 338.029

■ 30, 6.728, 338.628

Harmonies

Complementary

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



25, 28.545, 150.505



15, 28.758, 344.045

Rectangle

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



25, 28.545, 150.505



25, 28.545, 200.505



25, 28.545, 330.505



25, 28.545, 20.505

Sweetspot

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



25, 28.545, 150.505



36, 11.314, 156.070



26, 31.489, 121.280



18, 7.667, 155.981



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, 28.545, 150.505



33, 40.766, 147.563



26, 18.304, 182.545



12, 2.228, 157.177



35, 47.517, 145.335



79, 91.140, 143.562

Inverse Universe

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



15, 28.758, 344.045



19, 39.344, 346.811



14, 26.036, 19.319



12, 2.242, 338.188



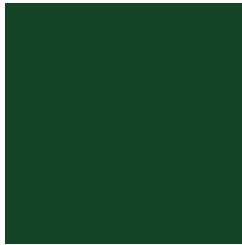
19, 43.947, 349.268



49, 79.924, 351.551

Previews

White Background



This preview shows how the CIELCh color 25, 28.545, 150.505 looks on a white background.

Color Contrast Check

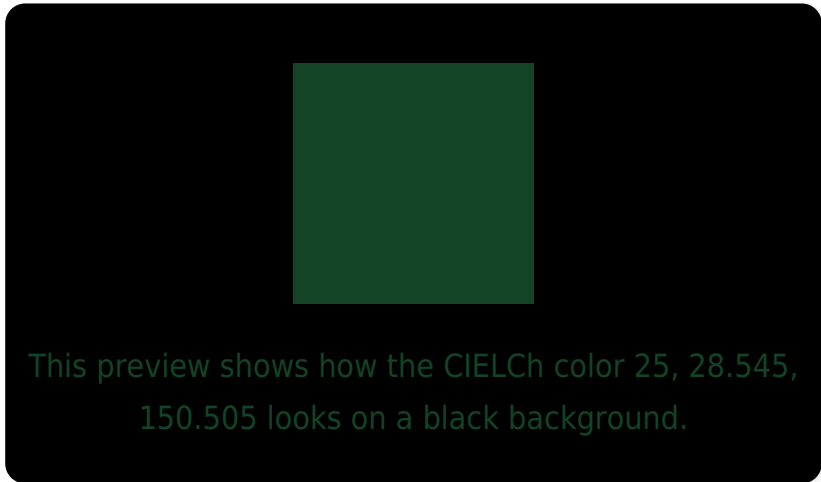
Large Text (above 18pt) WCAG AA ✓ Pass

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

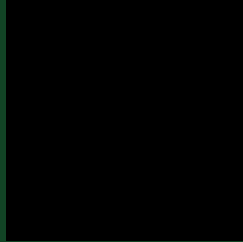
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 28.545, 150.505

Background



This preview shows how black text looks on a background with the CIELCh color 25, 28.545, 150.505.



This preview shows how white text looks on a background with the CIELCh color 25, 28.545, 150.505.

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](#).

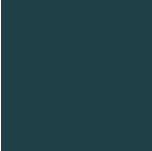
Dichromacy



Original Color
25, 28.545, 150.505

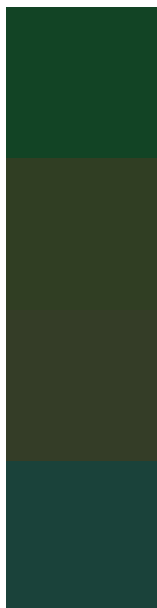
Protanopia
25, 16.512, 95.868

Deuteranopia
25, 13.354, 75.403



Tritanopia
25, 12.786, 215.739

Trichromacy



Original Color
25, 28.545, 150.505

Protanomaly
24, 18.747, 127.951

Deuteranomaly
24, 14.967, 124.263

Tritanomaly
25, 16.416, 177.875

Monochromacy



Original Color
25, 28.545, 150.505

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 11.877, 154.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 28.545, 150.505 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(18, 68, 37)` looks like.

```
.text, #text, p{  
    color:rgb(18, 68, 37)  
}
```

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(18, 68, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 68, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 28.545, 150.505 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(18, 68, 37) }
```

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

```
.border{ border-color:rgb(18, 68, 37) }
```

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

Here you see how a box with a 4 pixel rgb(18, 68, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 68, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 68, 37);  
box-shadow:4px 4px 4px 4px rgb(18, 68, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 28.545, 150.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 68, 37) }
```

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

```
.background{ background-color: rgb(18, 68,  
37) }
```

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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