

Converting Colors

CIELCh(25, 28.245, 149.095)

Have a look what the booklet for
CIELCh(25, 28.245, 149.095)
contains.

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Color

CIELCh(25, 28.480, 148.699)

Conversions

Conversions Part 1

Format	Color
Hex	154424
RGB	21, 68, 36
RGB Percent	8%, 27%, 14%
CMY	0.9178, 0.7335, 0.8590
CMYK	0.69, 0.00, 0.47, 0.73
HSL	139°, 53%, 17%
HSV	139°, 69%, 27%
XYZ	2.6909, 4.4155, 2.3766
YIQ	50.2990, -17.7400, -19.9160

Conversions

Conversions Part 2

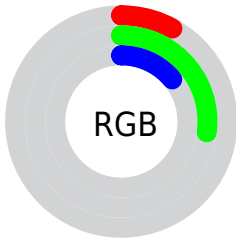
Format	Color
R_{YB}	21, 57, 68
Decimal	1393700
CIE Lab	25.00, -24.33, 14.80
CIE LCh	25, 28.480, 148.699
Yxy	4.4155, 0.2838, 0.4656
Android (android.graphics.Color)	4279583780 (0xFF154424)
YUV	50.2990, -7.0494, -25.6952
Hunter-Lab	21.0130, -13.9146, 8.0034

Details

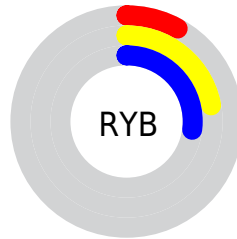
The CIELCh color **25, 28.480, 148.699** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16, 28.475, 340.284**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 28.662, 148.576**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 31.868, 147.264**, and if you desaturate by 10%, it is **25, 24.790, 149.984**.

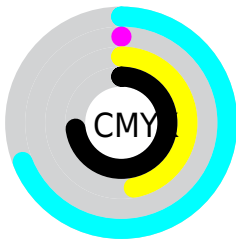
Distribution



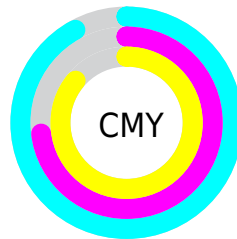
- Red (8%)
- Green (27%)
- Blue (14%)



- Red (8%)
- Yellow (22%)
- Blue (27%)



- Cyan (69%)
- Magenta (0%)
- Yellow (47%)
- Black (73%)



- Cyan (92%)
- Magenta (73%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 28.480, 148.699 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, 28.480, 148.699 by changing the saturation by 10% instead.

 25, 28.480,
148.699


 25, 28.480,
148.699

 100, 28.480,
148.699

 15, 28.480,
148.699


 45, 28.480,
148.699


 5, 28.480, 148.699

 55, 28.480,
148.699

 0, 28.480, 148.699

 65, 28.480,
148.699

 75, 28.480,
148.699

 85, 28.480,
148.699

 95, 28.480,

148.699

■ 25, 28.480,
148.699

■ 25, 28.480,
148.699

■ 25, 31.868,
147.264

■ 25, 24.790,
149.984

■ 24, 34.928,
145.725

■ 26, 20.857,
151.126

■ 24, 37.864,
144.464

■ 26, 16.744,
152.136

■ 24, 38.105,
144.374

■ 27, 12.515,
153.029

■ 27, 8.224, 153.823

■ 28, 3.920, 154.543

■ 29, 0.359, 334.679

■ 30, 4.581, 335.649

■ 31, 8.724, 336.169

Harmonies

Complementary

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



25, 28.480, 148.699



16, 28.475, 340.284

Rectangle

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



25, 28.480, 148.699



25, 28.480, 198.699



25, 28.480, 328.699



25, 28.480, 18.699

Sweetspot

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



25, 28.480, 148.699



36, 11.303, 153.615



27, 29.577, 119.281



18, 7.717, 153.521



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, 28.480, 148.699



33, 41.065, 146.115



26, 18.292, 178.341



12, 2.329, 154.592



35, 49.878, 143.146



78, 95.552, 141.476

Inverse Universe

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



16, 28.475, 340.284



20, 39.664, 342.252



15, 24.260, 14.343



12, 2.341, 335.551



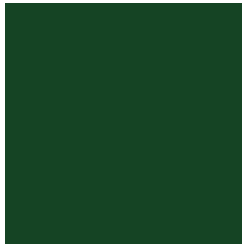
20, 45.437, 344.892



50, 82.609, 346.641

Previews

White Background



This preview shows how the CIELCh color 25, 28.480, 148.699 looks on a white background.

Color Contrast Check

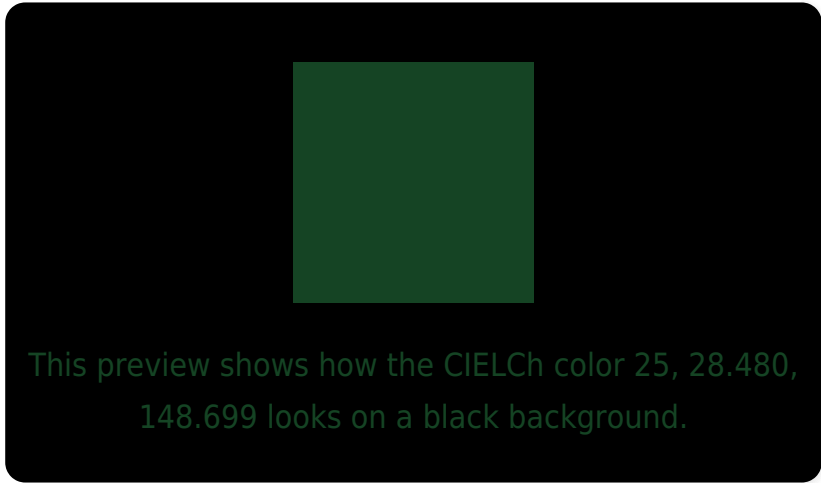
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.480, 148.699

Background



This preview shows how black text looks on a background with the CIELCh color 25, 28.480, 148.699.



This preview shows how white text looks on a background with the CIELCh color 25, 28.480, 148.699.

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, 28.480, 148.699

Protanopia

25, 17.128, 96.090

Deuteranopia

25, 13.923, 76.594



Tritanopia
25, 12.182, 213.428

Trichromacy



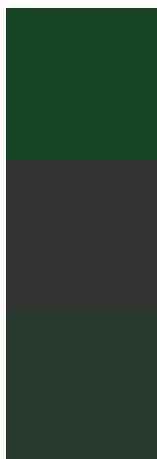
Original Color
25, 28.480, 148.699

Protanomaly
24, 19.150, 125.934

Deuteranomaly
24, 15.433, 121.817

Tritanomaly
25, 15.619, 176.947

Monochromacy



Original Color
25, 28.480, 148.699

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 11.567, 153.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 28.480, 148.699 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(21, 68, 36)` looks like.

```
.text, #text, p{  
    color:rgb(21, 68, 36)  
}
```

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(21, 68, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 68, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 28.480, 148.699 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(21, 68, 36) }
```

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

```
.border{ border-color:rgb(21, 68, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 68, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 68, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 68, 36);  
box-shadow:4px 4px 4px 4px rgb(21, 68, 36)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 28.480, 148.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 68, 36) }
```

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

```
.background{ background-color: rgb(21, 68,  
36) }
```

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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