

Converting Colors

CIELCh(25, 22.329, 119.429)

Have a look what the booklet for
CIELCh(25, 22.329, 119.429)
contains.

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Color

CIELCh(25, 22.143, 118.884)

Conversions

Conversions Part 1

Format	Color
Hex	353F1D
RGB	53, 63, 29
RGB Percent	21%, 25%, 11%
CMY	0.7917, 0.7525, 0.8859
CMYK	0.16, 0.00, 0.54, 0.75
HSL	78°, 37%, 18%
HSV	78°, 54%, 25%
XYZ	3.4800, 4.4155, 1.8376
YIQ	56.1340, 4.9540, -12.6940

Conversions

Conversions Part 2

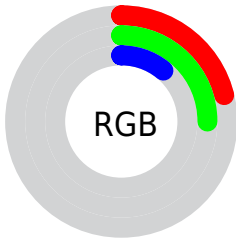
Format	Color
RYB	29, 63, 39
Decimal	3489565
CIELab	25.00, -10.70, 19.39
CIELCh	25, 22.143, 118.884
Yxy	4.4155, 0.3575, 0.4537
Android (android.graphics.Color)	4281679645 (0xFF353F1D)
YUV	56.1340, -13.3771, -2.7485
Hunter-Lab	21.0130, -7.2115, 9.5241

Details

The CIELCh color **25, 22.143, 118.884** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14, 24.553, 305.147**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 22.221, 119.861**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 25.870, 118.499**, and if you desaturate by 10%, it is **25, 18.215, 119.347**.

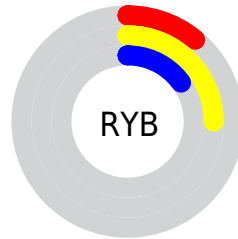
Distribution



Red (21%)

Green (25%)

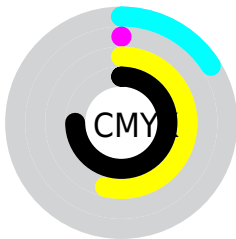
Blue (11%)



Red (11%)

Yellow (25%)

Blue (15%)

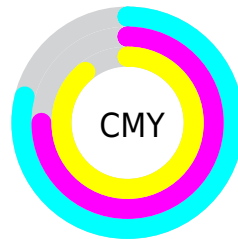


Cyan (16%)

Magenta (0%)

Yellow (54%)

Black (75%)



Cyan (79%)


Magenta (75%)

Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 22.143, 118.884 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, 22.143, 118.884 by changing the saturation by 10% instead.

 25, 22.143,
118.884

 25, 22.143,
118.884

 100, 22.143,
118.884

 15, 22.143,
118.884


 45, 22.143,
118.884

 5, 22.143, 118.884

 55, 22.143,
118.884

 0, 22.143, 118.884

 65, 22.143,
118.884

 75, 22.143,
118.884

 85, 22.143,
118.884

 95, 22.143,

118.884

■ 25, 22.143,
118.884

■ 25, 22.143,
118.884

■ 25, 25.870,
118.499

■ 25, 18.215,
119.347

■ 25, 29.296,
118.235

■ 26, 14.156,
119.848

■ 24, 32.290,
118.158

■ 26, 10.017,
120.366

■ 24, 34.974,
118.240

■ 26, 5.834, 120.885

■ 24, 36.619,
118.290

■ 27, 1.631, 121.400

■ 27, 2.572, 301.867

■ 27, 6.763, 302.337

■ 28, 10.930,
302.778

■ 28, 15.066,
303.192

Harmonies

Complementary

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



25, 22.143, 118.884



14, 24.553, 305.147

Rectangle

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



25, 22.143, 118.884



25, 22.143, 168.884



25, 22.143, 298.884



25, 22.143, 348.884

Sweetspot

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



25, 22.144, 118.886



34, 8.322, 120.740



18, 15.023, 47.497



16, 5.522, 120.709



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



25, 22.144, 118.886



32, 32.363, 118.379



24, 25.242, 135.664



11, 2.272, 121.168



36, 49.028, 118.671



81, 91.940, 119.763

Inverse Universe

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



14, 24.553, 305.147



15, 37.149, 306.295



16, 25.784, 320.306



10, 2.307, 302.006



9, 62.312, 308.866



30, 117.172, 308.145

Previews

White Background



This preview shows how the CIELCh color 25, 22.143, 118.884 looks on a white background.

Color Contrast Check

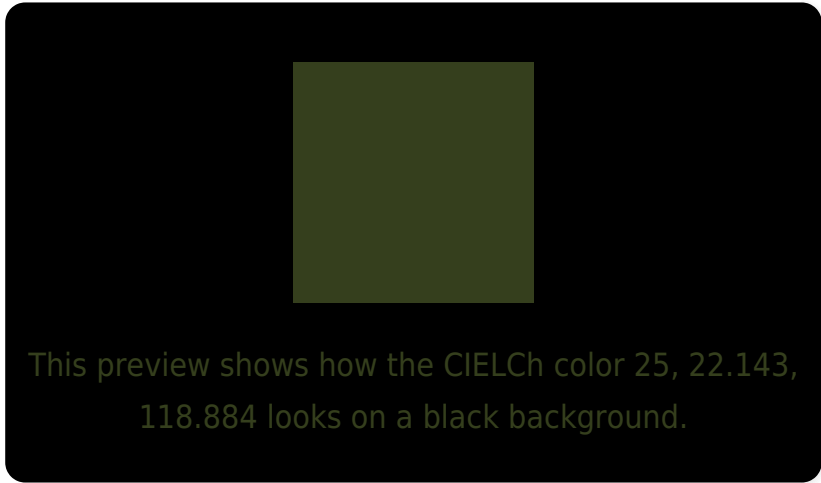
Large Text (above 18pt) WCAG AA ✓ Pass

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

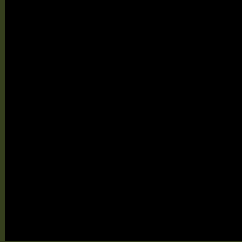
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 22.143, 118.884

Background



This preview shows how black text looks on a background with the CIELCh color 25, 22.143, 118.884.



This preview shows how white text looks on a background with the CIELCh color 25, 22.143, 118.884.

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

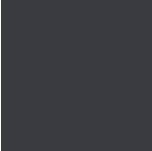
25, 22.143, 118.884

Protanopia

25, 20.254, 95.393

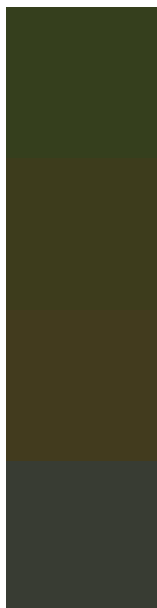
Deuteranopia

25, 18.815, 78.055



Tritanopia
25, 3.396, 275.989

Trichromacy



Original Color
25, 22.143, 118.884

Protanomaly
25, 20.442, 104.327

Deuteranomaly
25, 19.060, 95.056

Tritanomaly
25, 6.211, 126.503

Monochromacy



Original Color
25, 22.143, 118.884

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 8.757, 121.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 22.143, 118.884 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(53, 63, 29)` looks like.

```
.text, #text, p{  
    color:rgb(53, 63, 29)  
}
```

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(53, 63, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 63, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 22.143, 118.884 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(53, 63, 29) }
```

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

```
.border{ border-color:rgb(53, 63, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 63, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 63, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 63, 29);  
box-shadow:4px 4px 4px 4px rgb(53, 63, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 22.143, 118.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 63, 29) }
```

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

```
.background{ background-color: rgb(53, 63,  
29) }
```

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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