

Converting Colors

CIELCh(25, 15.596, 130.791)

Have a look what the booklet for
CIELCh(25, 15.596, 130.791)
contains.

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Color

CIELCh(25, 15.596, 130.791)

Conversions

Conversions Part 1

Format	Color
Hex	323F29
RGB	50, 63, 41
RGB Percent	20%, 25%, 16%
CMY	0.8033, 0.7523, 0.8386
CMYK	0.21, 0.00, 0.35, 0.75
HSL	95°, 21%, 20%
HSV	95°, 35%, 25%
XYZ	3.5119, 4.4155, 2.7785
YIQ	56.6050, -0.6860, -9.5980

Conversions

Conversions Part 2

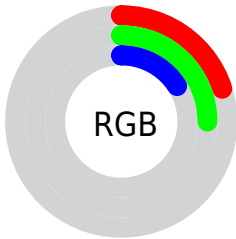
Format	Color
RYB	41, 63, 54
Decimal	3292969
CIELab	25.00, -10.19, 11.81
CIELCh	25, 15.596, 130.791
Yxy	4.4155, 0.3280, 0.4124
Android (android.graphics.Color)	4281483049 (0xFF323F29)
YUV	56.6050, -7.6933, -5.7926
Hunter-Lab	21.0130, -6.9399, 6.8692

Details

The CIELCh color **25, 15.596, 130.791** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 16.126, 313.530**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 15.976, 130.192**, and **5, 12.008, 143.360** is the 20% darker color. If you saturate the color by 10%, you get **25, 19.987, 130.360**, and if you desaturate by 10%, it is **25, 11.136, 131.221**.

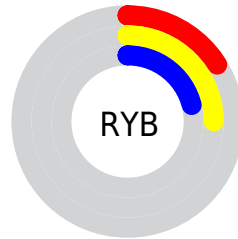
Distribution



Red (20%)

Green (25%)

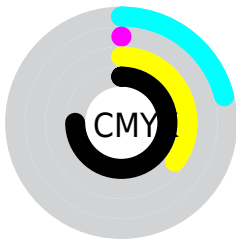
Blue (16%)



Red (16%)

Yellow (25%)

Blue (21%)

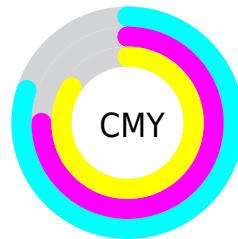


Cyan (21%)

Magenta (0%)

Yellow (35%)

Black (75%)



Cyan (80%)


Magenta (75%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 15.596, 130.791 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, 15.596, 130.791 by changing the saturation by 10% instead.

 25, 15.596,
130.791


 25, 15.596,
130.791

 100, 15.596,
130.791


 15, 15.596,
130.791


 45, 15.596,
130.791


 5, 15.596, 130.791

 55, 15.596,
130.791

 0, 15.596, 130.791

 65, 15.596,
130.791

 75, 15.596,
130.791

 85, 15.596,
130.791

 95, 15.596,

130.791

■ 25, 15.596,
130.791

■ 25, 15.596,
130.791

■ 25, 19.987,
130.360

■ 25, 11.136,
131.221

■ 24, 24.249,
129.947

■ 26, 6.648, 131.633

■ 24, 28.305,
129.591

■ 26, 2.162, 132.035

■ 27, 2.297, 312.327

■ 24, 32.050,
129.345

■ 28, 6.713, 312.666

■ 23, 35.335,
129.306

■ 28, 11.073,
312.959

■ 23, 38.316,
129.385

■ 29, 15.368,
313.220

■ 23, 39.843,
129.384

■ 30, 19.593,
313.453

■ 30, 23.742,
313.660

Harmonies

Complementary

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



25, 15.596, 130.791



19, 16.126, 313.530

Rectangle

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



25, 15.596, 130.791



25, 15.596, 180.791



25, 15.596, 310.791



25, 15.596, 0.791

Sweetspot

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



25, 15.597, 130.792



34, 5.535, 131.809



23, 9.732, 79.894



16, 3.712, 131.790



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, 15.597, 130.792



32, 23.183, 130.405



24, 16.711, 144.583



11, 2.416, 131.890



35, 53.604, 129.702



79, 101.181, 130.915

Inverse Universe

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



19, 16.126, 313.530



23, 24.191, 313.897



20, 16.721, 328.516



10, 2.438, 312.466



14, 58.814, 314.875



38, 110.273, 314.029

Previews

White Background



This preview shows how the CIELCh color 25, 15.596, 130.791 looks on a white background.

Color Contrast Check

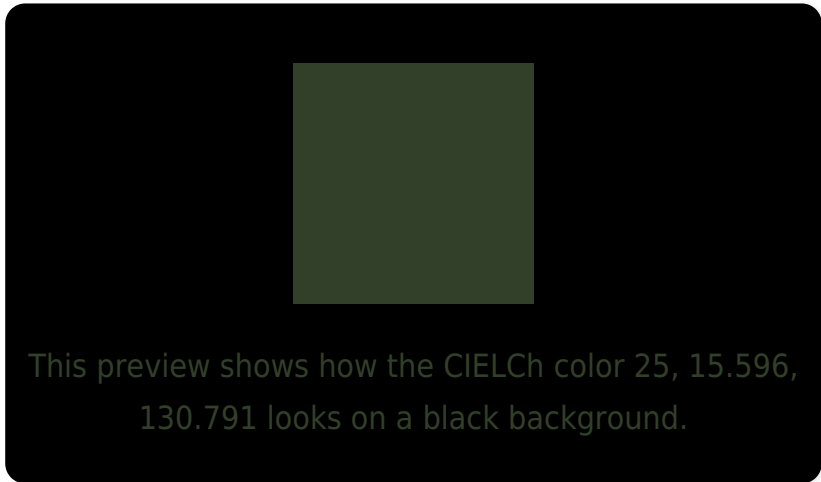
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.596, 130.791

Background



This preview shows how black text looks on a background with the CIELCh color 25, 15.596, 130.791.



This preview shows how white text looks on a background with the CIELCh color 25, 15.596, 130.791.

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](#).

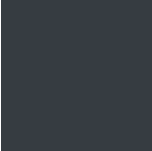
Dichromacy



Original Color
25, 15.596, 130.791

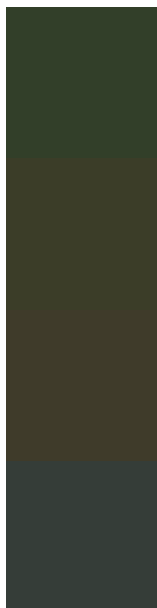
Protanopia
25, 12.656, 96.025

Deuteranopia
25, 11.374, 73.048



Tritanopia
25, 4.129, 252.311

Trichromacy



Original Color
25, 15.596, 130.791

Protanomaly
25, 13.649, 111.467

Deuteranomaly
25, 11.289, 97.606

Tritanomaly
25, 4.924, 156.654

Monochromacy



Original Color
25, 15.596, 130.791

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 5.605, 128.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 15.596, 130.791 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(50, 63, 41)` looks like.

```
.text, #text, p{  
    color:rgb(50, 63, 41)  
}
```

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(50, 63, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 63, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 15.596, 130.791 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(50, 63, 41) }
```

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

```
.border{ border-color:rgb(50, 63, 41) }
```

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

Here you see how a box with a 4 pixel rgb(50, 63, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 63, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 63, 41);  
box-shadow:4px 4px 4px 4px rgb(50, 63, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 15.596, 130.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 63, 41) }
```

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

```
.background{ background-color: rgb(50, 63,  
41) }
```

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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