

Converting Colors

CIELCh(25, 10.606, 285.798)

Have a look what the booklet for
CIELCh(25, 10.606, 285.798)
contains.

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Color

CIELCh(25, 10.577, 285.758)

Conversions

Conversions Part 1

Format	Color
Hex	383B4B
RGB	56, 59, 75
RGB Percent	22%, 23%, 29%
CMY	0.7820, 0.7703, 0.7076
CMYK	0.25, 0.21, 0.00, 0.71
HSL	231°, 15%, 26%
HSV	231°, 25%, 29%
XYZ	4.4048, 4.4155, 7.1981
YIQ	59.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

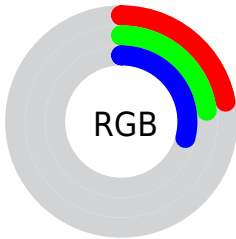
Format	Color
R_{YB}	56, 59, 75
Decimal	3685195
CIE Lab	25.00, 2.87, -10.18
CIE LCh	25, 10.577, 285.758
Yxy	4.4155, 0.2750, 0.2757
Android (android.graphics.Color)	4281875275 (0xFF383B4B)
YUV	59.9270, 7.4310, -3.4440
Hunter-Lab	21.0130, 0.6445, -5.6009

Details

The CIELCh color **25, 10.577, 285.758** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 10.236, 100.254**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 10.777, 285.597**, and **5, 10.693, 287.553** is the 20% darker color. If you saturate the color by 10%, you get **22, 14.956, 287.235**, and if you desaturate by 10%, it is **28, 6.330, 284.476**.

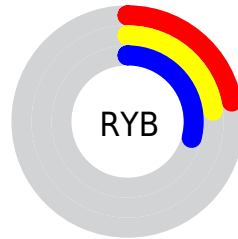
Distribution



Red (22%)

Green (23%)

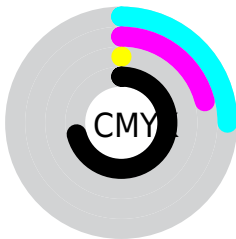
Blue (29%)



Red (22%)

Yellow (23%)

Blue (29%)

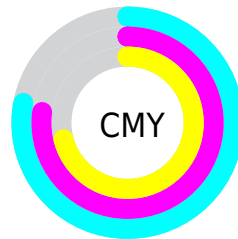


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (71%)



Cyan (78%)

Magenta (77%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 10.577, 285.758 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, 10.577, 285.758 by changing the saturation by 10% instead.

■ 25, 10.577,
285.758

■ 25, 10.577,
285.758

■ 100, 10.577,
285.758

■ 15, 10.577,
285.758

■ 45, 10.577,
285.758

■ 5, 10.577, 285.758

■ 55, 10.577,
285.758

■ 0, 10.577, 285.758

■ 65, 10.577,
285.758

■ 75, 10.577,
285.758

■ 85, 10.577,
285.758

■ 95, 10.577,

285.758

■ 25, 10.577,
285.758

■ 25, 10.577,
285.758

■ 22, 14.956,
287.235

■ 28, 6.330, 284.476

■ 30, 2.207, 283.379

■ 20, 19.480,
288.936

■ 33, 1.801, 102.340

■ 17, 24.158,
290.876

■ 35, 5.700, 101.517

■ 38, 9.497, 100.776

■ 15, 28.991,
293.058

■ 41, 13.196,
100.120

■ 12, 33.957,
295.451

■ 43, 16.802, 99.539

■ 10, 38.974,
297.971

■ 46, 20.319, 99.021

■ 8, 43.889, 300.245

■ 48, 23.751, 98.557

■ 7, 45.851, 300.891

Harmonies

Complementary

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



25, 10.577, 285.758



30, 10.236, 100.254

Rectangle

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



25, 10.577, 285.758



25, 10.577, 335.758



25, 10.577, 105.758



25, 10.577, 155.758

Sweetspot

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



25, 10.576, 285.756



38, 4.030, 283.670



30, 8.220, 183.841



18, 2.829, 283.768



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



25, 10.576, 285.756



31, 16.163, 286.726



25, 12.882, 304.443



14, 2.313, 283.712



12, 59.476, 302.315



32, 113.807, 303.970

Inverse Universe

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



25, 9.094, 8.798



32, 13.972, 9.603



31, 12.345, 121.793



14, 1.952, 7.102



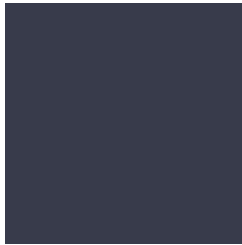
19, 47.183, 28.903



48, 88.915, 33.174

Previews

White Background



This preview shows how the CIE LCh color 25, 10.577, 285.758 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



This preview shows how the CIELCh color 25, 10.577, 285.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

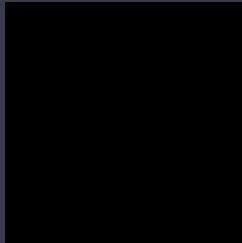
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

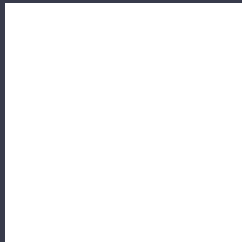
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 25, 10.577, 285.758

Background



This preview shows how black text looks on a background with the CIELCh color 25, 10.577, 285.758.



This preview shows how white text looks on a background with the CIELCh color 25, 10.577, 285.758.

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

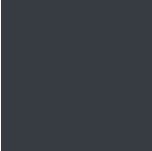
25, 10.577, 285.758

Protanopia

25, 10.620, 283.627

Deuteranopia

25, 11.218, 290.419



Tritanopia
25, 4.129, 252.311

Trichromacy



Original Color
25, 10.577, 285.758

Protanomaly
25, 10.620, 283.627

Deuteranomaly
25, 11.232, 288.374

Tritanomaly
25, 6.133, 275.444

Monochromacy



Original Color
25, 10.577, 285.758

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 3.973, 284.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 10.577, 285.758 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(56, 59, 75)` looks like.

```
.text, #text, p{  
    color:rgb(56, 59, 75)  
}
```

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(56, 59, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 59, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 10.577, 285.758 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(56, 59, 75) }
```

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

```
.border{ border-color:rgb(56, 59, 75) }
```

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

Here you see how a box with a 4 pixel rgb(56, 59, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 59, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 59, 75);  
box-shadow:4px 4px 4px 4px rgb(56, 59, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 10.577, 285.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 59, 75) }
```

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

```
.background{ background-color: rgb(56, 59,  
75) }
```

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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