

Converting Colors

CIELCh(25, 2.496, 256.642)

Have a look what the booklet for
CIELCh(25, 2.496, 256.642) contains.

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Color

CIELCh(25, 2.353, 256.556)

Conversions

Conversions Part 1

Format	Color
Hex	393C3F
RGB	57, 60, 63
RGB Percent	22%, 24%, 25%
CMY	0.7777, 0.7659, 0.7542
CMYK	0.10, 0.05, 0.00, 0.75
HSL	210°, 5%, 23%
HSV	210°, 10%, 25%
XYZ	4.1579, 4.4155, 5.2899
YIQ	59.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

Format	Color
RYB	57, 59, 63
Decimal	3750975
CIELab	25.00, -0.55, -2.29
CIELCh	25, 2.353, 256.556
Yxy	4.4155, 0.2999, 0.3185
Android (android.graphics.Color)	4281941055 (0xFF393C3F)
YUV	59.4450, 1.7526, -2.1443
Hunter-Lab	21.0130, -1.4524, -0.2168

Details

The CIELCh color **25, 2.353, 256.556** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 2.397, 74.319**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 2.655, 263.588**, and **5, 2.436, 251.752** is the 20% darker color. If you saturate the color by 10%, you get **23, 4.790, 257.797**, and if you desaturate by 10%, it is **27, 0.105, 73.802**.

Distribution



Red (22%)

Green (24%)

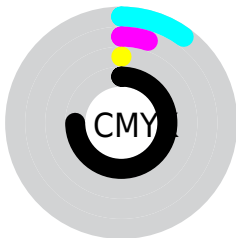
Blue (25%)



Red (22%)

Yellow (23%)

Blue (25%)

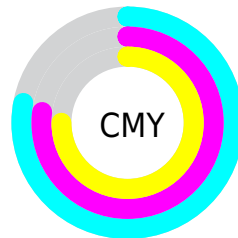


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (75%)



Cyan (78%)

Magenta (77%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 2.353, 256.556 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, 2.353, 256.556 by changing the saturation by 10% instead.

■ 25, 2.353, 256.556

■ 25, 2.353, 256.556

■ 100, 2.353,
256.556

■ 15, 2.353, 256.556

■ 45, 2.353, 256.556

■ 5, 2.353, 256.556

■ 55, 2.353, 256.556

■ 0, 2.353, 256.556

■ 65, 2.353, 256.556

■ 75, 2.353, 256.556

■ 85, 2.353, 256.556

■ 95, 2.353, 256.556

■ 25, 2.353, 256.556

■ 25, 2.353, 256.556

■ 23, 4.790, 257.797

■ 27, 0.105, 73.802

■ 22, 7.201, 259.291

■ 28, 2.574, 74.314

■ 20, 9.577, 261.037

■ 30, 5.050, 73.496

■ 19, 11.914,
263.074

■ 31, 7.525, 72.762

■ 33, 9.995, 72.110

■ 17, 14.210,
265.439

■ 35, 12.456, 71.529

■ 16, 16.468,
268.167

■ 36, 14.905, 71.009

■ 14, 18.699,
271.273

■ 38, 17.337, 70.541

■ 39, 19.752, 70.118

■ 13, 20.942,
274.581

■ 12, 23.294,
277.341

Harmonies

Complementary

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



25, 2.353, 256.556



25, 2.397, 74.319

Rectangle

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



25, 2.353, 256.556



25, 2.353, 306.556



25, 2.353, 76.556



25, 2.353, 126.556

Sweetspot

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



25, 2.353, 256.537



34, 0.924, 255.939



26, 3.388, 162.133



16, 0.688, 255.966



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, 2.353, 256.537



33, 3.368, 256.760



24, 3.910, 290.377



11, 1.339, 256.407



19, 32.718, 280.760



48, 65.763, 284.632

Inverse Universe

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



25, 3.387, 344.280



32, 4.863, 344.435



26, 3.835, 108.694



10, 1.925, 344.185



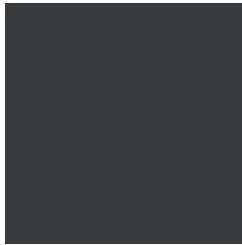
18, 41.222, 359.006



48, 76.220, 2.548

Previews

White Background



This preview shows how the CIELCh color 25, 2.353, 256.556 looks on a white background.

Color Contrast Check

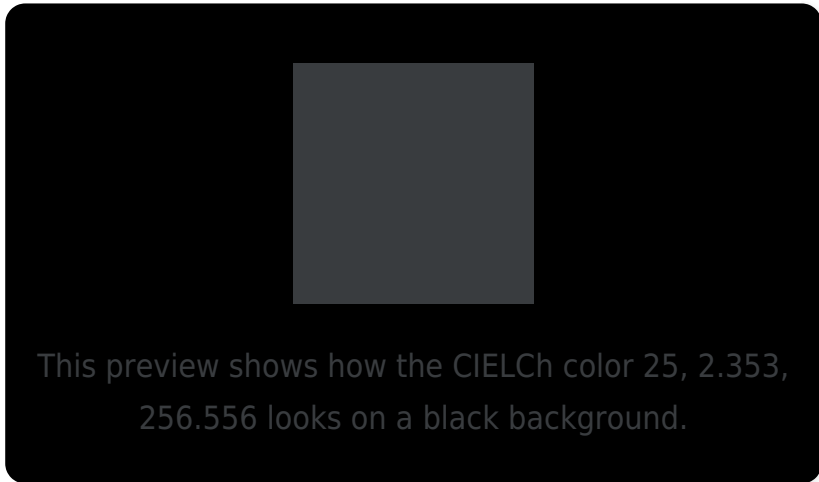
Large Text (above 18pt) WCAG AA ✓ Pass

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

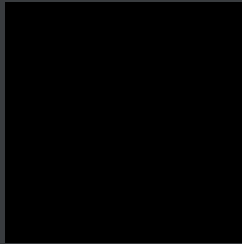
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

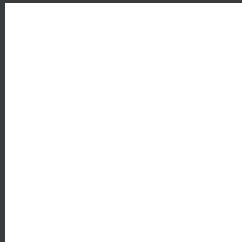
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 25, 2.353, 256.556

Background



This preview shows how black text looks on a background with the CIELCh color 25, 2.353, 256.556.

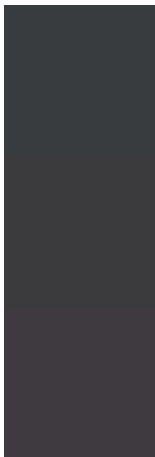


This preview shows how white text looks on a background with the CIELCh color 25, 2.353, 256.556.

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, 2.353, 256.556

Protanopia
25, 1.980, 290.606

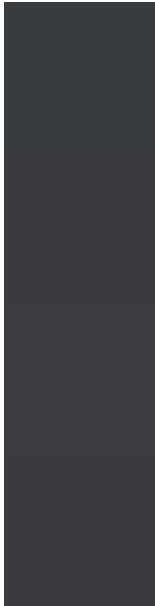
Deuteranopia
25, 4.005, 324.792



Tritanopia

25, 3.396, 275.989

Trichromacy



Original Color

25, 2.353, 256.556

Protanomaly

25, 2.022, 277.946

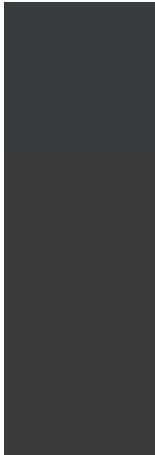
Deuteranomaly

25, 2.795, 309.293

Tritanomaly

25, 3.396, 275.989

Monochromacy



Original Color

25, 2.353, 256.556

Achromatopsia

25, 0.004, 296.813

Achromatomaly

25, 0.794, 255.969

CSS Examples

Text

The CSS property to change the color of the text to CIE LCh 25, 2.353, 256.556 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(57, 60, 63)` looks like.

```
.text, #text, p{
  color:rgb(57, 60, 63)
}
```

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(57, 60, 63)` colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 60, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 2.353, 256.556 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(57, 60, 63) }
```

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

```
.border{ border-color:rgb(57, 60, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 60, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 60, 63); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 60, 63); box-shadow:4px 4px 4px 4px rgb(57, 60, 63) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 2.353, 256.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 60, 63) }
```

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

```
.background{ background-color: rgb(57, 60,  
63) }
```

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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