

Converting Colors

CIELCh(25, 24.379, 302.870)

Have a look what the booklet for
CIELCh(25, 24.379, 302.870)
contains.

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Color

CIELCh(25, 24.043, 302.810)

Conversions

Conversions Part 1

Format	Color
Hex	3F365A
RGB	63, 54, 90
RGB Percent	25%, 21%, 35%
CMY	0.7534, 0.7887, 0.6476
CMYK	0.30, 0.40, 0.00, 0.65
HSL	255°, 25%, 28%
HSV	255°, 40%, 35%
XYZ	5.1950, 4.4155, 10.2216
YIQ	60.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

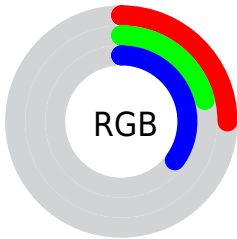
Format	Color
RYB	63, 54, 90
Decimal	4142682
CIELab	25.00, 13.03, -20.21
CIELCh	25, 24.043, 302.810
Yxy	4.4155, 0.2619, 0.2226
Android (android.graphics.Color)	4282332762 (0xFF3F365A)
YUV	60.7950, 14.3981, 1.9338
Hunter-Lab	21.0130, 7.3575, -14.1321

Details

The CIELCh color **25, 24.043, 302.810** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37, 22.162, 117.590**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 23.729, 302.990**, and **5, 23.825, 302.318** is the 20% darker color. If you saturate the color by 10%, you get **22, 30.501, 303.746**, and if you desaturate by 10%, it is **28, 17.745, 301.954**.

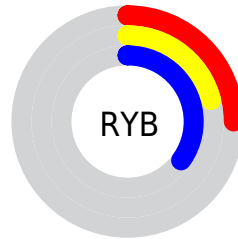
Distribution



Red (25%)

Green (21%)

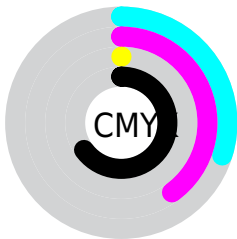
Blue (35%)



Red (25%)

Yellow (21%)

Blue (35%)

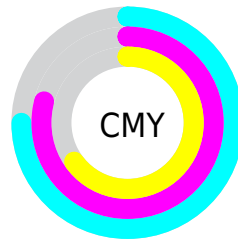


Cyan (30%)

Magenta (40%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (79%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 24.043, 302.810 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, 24.043, 302.810 by changing the saturation by 10% instead.

■ 25, 24.043,
302.810

■ 25, 24.043,
302.810

■ 100, 24.043,
302.810

■ 15, 24.043,
302.810

■ 45, 24.043,
302.810

■ 5, 24.043, 302.810

■ 55, 24.043,
302.810

■ 0, 24.043, 302.810

■ 65, 24.043,
302.810

■ 75, 24.043,
302.810

■ 85, 24.043,
302.810

■ 95, 24.043,

302.810

■ 25, 24.043,
302.810

■ 25, 24.043,
302.810

■ 22, 30.501,
303.746

■ 28, 17.745,
301.954

■ 19, 37.049,
304.737

■ 32, 11.640,
301.186

■ 16, 43.533,
305.735

■ 35, 5.737, 300.504

■ 38, 0.031, 299.362

■ 13, 49.675,
306.649

■ 41, 5.484, 119.387

■ 11, 55.039,
307.353

■ 45, 10.817,
118.928

■ 8, 60.640, 308.351

■ 48, 15.979,
118.530

■ 51, 20.979,
118.183

■ 54, 25.828,
117.883

Harmonies

Complementary

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



25, 24.043, 302.810



37, 22.162, 117.590

Rectangle

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



25, 24.043, 302.810



25, 24.043, 352.810



25, 24.043, 122.810



25, 24.043, 172.810

Sweetspot

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



25, 24.042, 302.810



44, 8.568, 300.656



33, 11.389, 226.084



21, 5.632, 300.701



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



25, 24.042, 302.810



30, 36.412, 303.699



27, 25.590, 318.361



17, 3.250, 300.428



12, 69.918, 308.130



32, 124.124, 307.611

Inverse Universe

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



28, 22.893, 334.896



34, 33.809, 335.586



35, 24.995, 134.902



17, 3.249, 332.829



23, 51.681, 340.586



53, 90.108, 341.619

Previews

White Background



This preview shows how the CIE LCh color 25, 24.043, 302.810 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, 24.043, 302.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

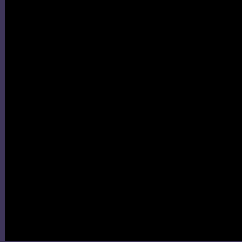
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 24.043, 302.810

Background



This preview shows how black text looks on a background with the CIELCh color 25, 24.043, 302.810.



This preview shows how white text looks on a background with the CIELCh color 25, 24.043, 302.810.

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

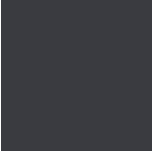
25, 24.043, 302.810

Protanopia

25, 23.854, 285.273

Deuteranopia

25, 20.055, 281.158



Tritanopia
25, 3.319, 283.297

Trichromacy



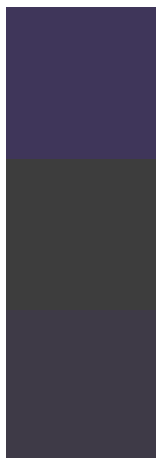
Original Color
25, 24.043, 302.810

Protanomaly
25, 23.059, 290.438

Deuteranomaly
25, 21.118, 289.580

Tritanomaly
25, 10.675, 299.055

Monochromacy



Original Color
25, 24.043, 302.810

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 8.767, 303.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 24.043, 302.810 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(63, 54, 90)` looks like.

```
.text, #text, p{  
    color:rgb(63, 54, 90)  
}
```

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(63, 54, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 54, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 24.043, 302.810 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(63, 54, 90) }
```

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

```
.border{ border-color:rgb(63, 54, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 54, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 54, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 54, 90);  
box-shadow:4px 4px 4px 4px rgb(63, 54, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 24.043, 302.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 54, 90) }
```

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

```
.background{ background-color: rgb(63, 54,  
90) }
```

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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