

Converting Colors

CIELCh(25, 24.472, 301.750)

Have a look what the booklet for
CIELCh(25, 24.472, 301.750)
contains.

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Color

CIELCh(25, 24.643, 301.799)

Conversions

Conversions Part 1

Format	Color
Hex	3E365B
RGB	62, 54, 91
RGB Percent	24%, 21%, 36%
CMY	0.7569, 0.7883, 0.6432
CMYK	0.32, 0.41, 0.00, 0.64
HSL	253°, 26%, 28%
HSV	253°, 41%, 36%
XYZ	5.1915, 4.4155, 10.4722
YIQ	60.6100, -7.1090, 13.2030

Conversions

Conversions Part 2

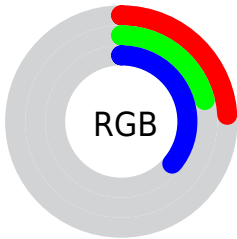
Format	Color
RYB	62, 54, 91
Decimal	4077147
CIELab	25.00, 12.99, -20.94
CIELCh	25, 24.643, 301.799
Yxy	4.4155, 0.2586, 0.2199
Android (android.graphics.Color)	4282267227 (0xFF3E365B)
YUV	60.6100, 14.9823, 1.2190
Hunter-Lab	21.0130, 7.3279, -14.8390

Details

The CIELCh color **25, 24.643, 301.799** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37, 22.609, 116.126**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 24.257, 301.940**, and **5, 24.538, 301.500** is the 20% darker color. If you saturate the color by 10%, you get **22, 31.191, 302.826**, and if you desaturate by 10%, it is **28, 18.268, 300.866**.

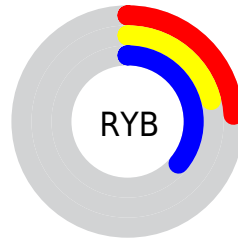
Distribution



Red (24%)

Green (21%)

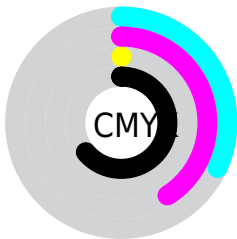
Blue (36%)



Red (24%)

Yellow (21%)

Blue (36%)

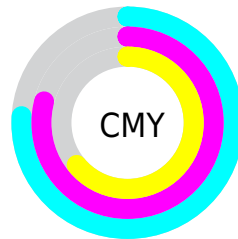


Cyan (32%)

Magenta (41%)

Yellow (0%)

Black (64%)



Cyan (76%)


Magenta (79%)

Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 24.643, 301.799 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, 24.643, 301.799 by changing the saturation by 10% instead.

 25, 24.643,
301.799


 25, 24.643,
301.799

 100, 24.643,
301.799

 15, 24.643,
301.799


 45, 24.643,
301.799


 5, 24.643, 301.799

 55, 24.643,
301.799

 0, 24.643, 301.799

 65, 24.643,
301.799

 75, 24.643,
301.799

 85, 24.643,
301.799

 95, 24.643,

301.799

■ 25, 24.643,
301.799

■ 25, 24.643,
301.799

■ 22, 31.191,
302.826

■ 28, 18.268,
300.866

■ 18, 37.843,
303.922

■ 32, 12.098,
300.033

■ 15, 44.439,
305.034

■ 35, 6.137, 299.298

■ 13, 50.684,
306.065

■ 38, 0.381, 298.630

■ 10, 56.121,
306.882

■ 42, 5.179, 118.097

■ 8, 61.489, 307.950

■ 45, 10.553,
117.607

■ 48, 15.753,
117.181

■ 52, 20.787,
116.812

■ 55, 25.668,
116.491

Harmonies

Complementary

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



25, 24.643, 301.799



37, 22.609, 116.126

Rectangle

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



25, 24.643, 301.799



25, 24.643, 351.799



25, 24.643, 121.799



25, 24.643, 171.799

Sweetspot

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



25, 24.642, 301.799



44, 8.538, 299.417



34, 11.773, 221.499



21, 5.613, 299.464



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, 24.642, 301.799



29, 37.183, 302.810



27, 26.091, 317.339



17, 3.238, 299.174



11, 70.273, 307.760



31, 124.700, 307.290

Inverse Universe

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



28, 24.017, 333.599



34, 35.242, 334.266



36, 25.373, 133.881



17, 3.328, 331.580



24, 52.900, 338.538



54, 92.332, 339.375

Previews

White Background



This preview shows how the CIE LCh color 25, 24.643, 301.799 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, 24.643, 301.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

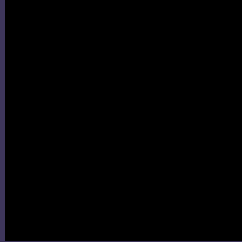
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 24.643, 301.799

Background



This preview shows how black text looks on a background with the CIELCh color 25, 24.643, 301.799.



This preview shows how white text looks on a background with the CIELCh color 25, 24.643, 301.799.

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, 24.643, 301.799

Protanopia

25, 24.529, 285.021

Deuteranopia

25, 20.740, 280.927



Tritanopia
25, 2.917, 264.064

Trichromacy



Original Color
25, 24.643, 301.799

Protanomaly
25, 24.371, 290.192

Deuteranomaly
25, 21.788, 288.989

Tritanomaly
25, 10.574, 294.575

Monochromacy



Original Color
25, 24.643, 301.799

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 9.343, 299.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 24.643, 301.799 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(62, 54, 91)` looks like.

```
.text, #text, p{  
    color:rgb(62, 54, 91)  
}
```

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(62, 54, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 54, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 24.643, 301.799 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(62, 54, 91) }
```

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

```
.border{ border-color:rgb(62, 54, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 54, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 54, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 54, 91);  
box-shadow:4px 4px 4px 4px rgb(62, 54, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 24.643, 301.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 54, 91) }
```

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

```
.background{ background-color: rgb(62, 54,  
91) }
```

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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