

Converting Colors

CIELCh(25, 28.840, 357.062)

Have a look what the booklet for
CIELCh(25, 28.840, 357.062)
contains.

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Color

CIELCh(25, 28.497, 357.439)

Conversions

Conversions Part 1

Format	Color
Hex	61283E
RGB	97, 40, 62
RGB Percent	38%, 16%, 24%
CMY	0.6193, 0.8429, 0.7566
CMYK	0.00, 0.59, 0.36, 0.62
HSL	337°, 42%, 27%
HSV	337°, 59%, 38%
XYZ	6.5692, 4.4155, 5.0722
YIQ	59.5510, 26.9100, 18.9260

Conversions

Conversions Part 2

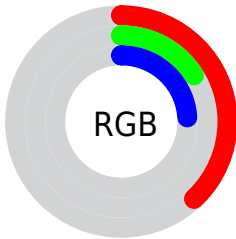
Format	Color
RYB	97, 40, 62
Decimal	6367294
CIELab	25.00, 28.47, -1.27
CIELCh	25, 28.497, 357.439
Yxy	4.4155, 0.4091, 0.2750
Android (android.graphics.Color)	4284557374 (0xFF61283E)
YUV	59.5510, 1.2074, 32.8428
Hunter-Lab	21.0130, 19.0309, 0.3975

Details

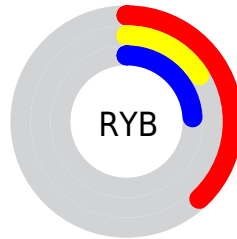
The CIELCh color **25, 28.497, 357.439** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 25.560, 164.152**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 28.396, 358.116**, and **6, 25.548, 0.553** is the 20% darker color. If you saturate the color by 10%, you get **23, 32.698, 359.559**, and if you desaturate by 10%, it is **27, 23.843, 355.706**.

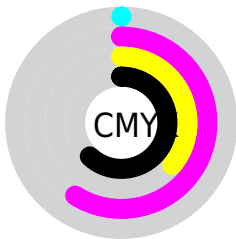
Distribution



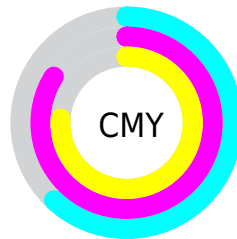
- Red (38%)
- Green (16%)
- Blue (24%)



- Red (38%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (36%)
- Black (62%)





- Cyan (62%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 28.497, 357.439 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, 28.497, 357.439 by changing the saturation by 10% instead.

 25, 28.497,
357.439


 25, 28.497,
357.439

 100, 28.497,
357.439


 15, 28.497,
357.439


 45, 28.497,
357.439


 5, 28.497, 357.439

 55, 28.497,
357.439

 0, 28.497, 357.439

 65, 28.497,
357.439

 75, 28.497,
357.439

 85, 28.497,
357.439

 95, 28.497,

357.439

■ 25, 28.497,
357.439

■ 25, 28.497,
357.439

■ 23, 32.698,
359.559

■ 27, 23.843,
355.706

■ 21, 36.241, 2.190

■ 30, 18.943,
354.258

■ 20, 38.958, 5.477

■ 33, 13.955,
353.022

■ 19, 41.335, 9.043

■ 19, 41.669, 9.468

■ 36, 8.992, 351.944

■ 39, 4.130, 350.969

■ 42, 0.590, 170.642

■ 45, 5.145, 169.487

■ 48, 9.529, 168.775

■ 51, 13.743,
168.135

Harmonies

Complementary

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



25, 28.497, 357.439



37, 25.560, 164.152

Rectangle

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



25, 28.497, 357.439



25, 28.497, 47.439



25, 28.497, 177.439



25, 28.497, 227.439

Sweetspot

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



25, 28.495, 357.440



46, 10.637, 351.923



23, 39.108, 314.880



22, 7.470, 352.140



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



25, 28.495, 357.440



30, 40.613, 0.365



26, 26.838, 32.505



18, 2.652, 350.983



22, 46.204, 10.441



51, 81.352, 14.013

Inverse Universe

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



25, 28.495, 357.440



30, 40.613, 0.365



36, 17.446, 209.134



18, 2.652, 350.983



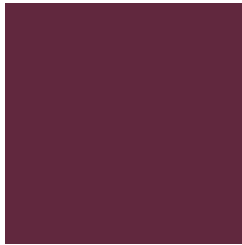
22, 46.204, 10.441



51, 81.352, 14.013

Previews

White Background



This preview shows how the CIE LCh color 25, 28.497, 357.439 looks on a white background.

Color Contrast Check

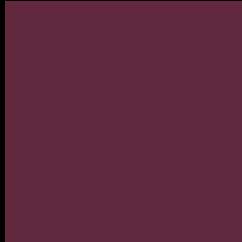
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.497, 357.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

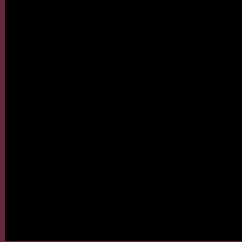
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 28.497, 357.439

Background



This preview shows how black text looks on a background with the CIELCh color 25, 28.497, 357.439.



This preview shows how white text looks on a background with the CIELCh color 25, 28.497, 357.439.

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, 28.497, 357.439

Protanopia

26, 9.252, 284.431

Deuteranopia

25, 3.750, 10.003



Tritanopia
25, 26.188, 21.342

Trichromacy



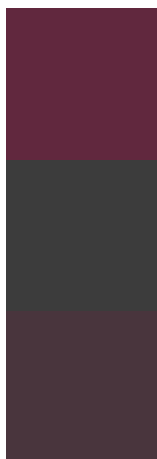
Original Color
25, 28.497, 357.439

Protanomaly
25, 13.935, 328.800

Deuteranomaly
25, 13.340, 356.137

Tritanomaly
25, 26.215, 11.876

Monochromacy



Original Color
25, 28.497, 357.439

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 10.563, 351.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 28.497, 357.439 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(97, 40, 62)` looks like.

```
.text, #text, p{  
    color:rgb(97, 40, 62)  
}
```

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(97, 40, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 40, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 28.497, 357.439 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(97, 40, 62) }
```

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

```
.border{ border-color:rgb(97, 40, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 40, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 40, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 40, 62);  
box-shadow:4px 4px 4px 4px rgb(97, 40, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 28.497, 357.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 40, 62) }
```

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

```
.background{ background-color: rgb(97, 40,  
62) }
```

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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