

Converting Colors

CIELCh(25, 24.671, 355.023)

Have a look what the booklet for
CIELCh(25, 24.671, 355.023)
contains.

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Color

CIELCh(25, 24.482, 355.522)

Conversions

Conversions Part 1

Format	Color
Hex	5C2C3F
RGB	92, 44, 63
RGB Percent	36%, 17%, 25%
CMY	0.6398, 0.8280, 0.7535
CMYK	0.00, 0.52, 0.32, 0.64
HSL	336°, 35%, 27%
HSV	336°, 52%, 36%
XYZ	6.1868, 4.4155, 5.2083
YIQ	60.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

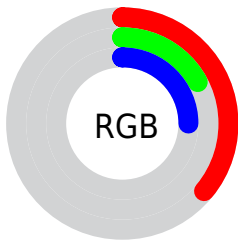
Format	Color
R_YB	92, 44, 63
Decimal	6040639
CIE Lab	25.00, 24.41, -1.91
CIE LCh	25, 24.482, 355.522
Yxy	4.4155, 0.3913, 0.2793
Android (android.graphics.Color)	4284230719 (0xFF5C2C3F)
YUV	60.5180, 1.2236, 27.6097
Hunter-Lab	21.0130, 15.7826, 0.0133

Details

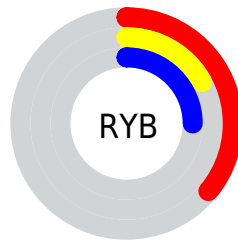
The CIELCh color **25, 24.482, 355.522** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35, 22.277, 164.445**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 24.793, 354.778**, and **5, 23.721, 355.871** is the 20% darker color. If you saturate the color by 10%, you get **23, 28.811, 357.323**, and if you desaturate by 10%, it is **27, 19.849, 354.026**.

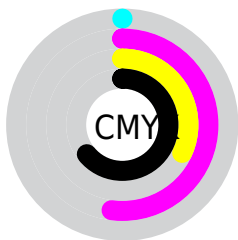
Distribution



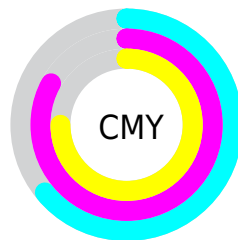
- Red (36%)
- Green (17%)
- Blue (25%)



- Red (36%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (52%)
- Yellow (32%)
- Black (64%)





- Cyan (64%)
- Magenta (83%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 24.482, 355.522 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, 24.482, 355.522 by changing the saturation by 10% instead.

 25, 24.482,
355.522


 25, 24.482,
355.522

 100, 24.482,
355.522

 15, 24.482,
355.522


 45, 24.482,
355.522


 5, 24.482, 355.522

 55, 24.482,
355.522

 0, 24.482, 355.522

 65, 24.482,
355.522

 75, 24.482,
355.522

 85, 24.482,
355.522

 95, 24.482,

355.522

■ 25, 24.482,
355.522

■ 25, 24.482,
355.522

■ 23, 28.811,
357.323

■ 27, 19.849,
354.026

■ 21, 32.642,
359.526

■ 30, 15.083,
352.753

■ 19, 35.779, 2.265

■ 33, 10.306,
351.648

■ 18, 38.153, 5.622

■ 35, 5.598, 350.662

■ 17, 40.052, 8.151

■ 38, 1.013, 349.598

■ 41, 3.425, 169.146

■ 44, 7.703, 168.401

■ 47, 11.820,
167.745

■ 50, 15.782,
167.146

Harmonies

Complementary

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



25, 24.482, 355.522



35, 22.277, 164.445

Rectangle

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



25, 24.482, 355.522



25, 24.482, 45.522



25, 24.482, 175.522



25, 24.482, 225.522

Sweetspot

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



25, 24.480, 355.524



45, 9.163, 351.072



24, 33.309, 314.632



22, 6.246, 351.200



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



25, 24.480, 355.524



30, 36.112, 357.887



26, 22.303, 31.622



17, 2.548, 350.340



22, 45.397, 9.357



50, 80.493, 12.988

Inverse Universe

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



25, 24.480, 355.524



30, 36.112, 357.887



34, 15.386, 208.838



17, 2.548, 350.340



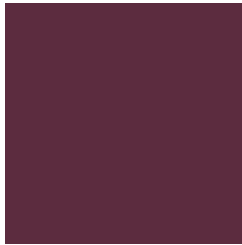
22, 45.397, 9.357



50, 80.493, 12.988

Previews

White Background



This preview shows how the CIE LCh color 25, 24.482, 355.522 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 CIE LCh color 25, 24.482, 355.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

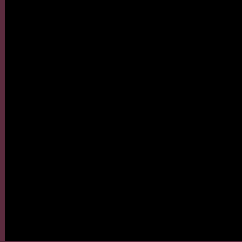
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 24.482, 355.522

Background



This preview shows how black text looks on a background with the CIELCh color 25, 24.482, 355.522.



This preview shows how white text looks on a background with the CIELCh color 25, 24.482, 355.522.

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, 24.482, 355.522

Protanopia

25, 9.240, 286.968

Deuteranopia

25, 3.758, 348.477



Tritanopia
25, 22.020, 17.723

Trichromacy



Original Color
25, 24.482, 355.522

Protanomaly
25, 12.931, 327.268

Deuteranomaly
25, 11.645, 351.485

Tritanomaly
25, 22.469, 8.180

Monochromacy



Original Color
25, 24.482, 355.522

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 9.449, 352.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 24.482, 355.522 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(92, 44, 63)` looks like.

```
.text, #text, p{  
    color:rgb(92, 44, 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(92, 44, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 44, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 24.482, 355.522 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(92, 44, 63) }
```

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

```
.border{ border-color:rgb(92, 44, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 44, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 44, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 44, 63);  
box-shadow:4px 4px 4px 4px rgb(92, 44, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 24.482, 355.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 44, 63) }
```

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

```
.background{ background-color: rgb(92, 44,  
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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