

Converting Colors

CIELCh(25, 22.465, 354.655)

Have a look what the booklet for
CIELCh(25, 22.465, 354.655)
contains.

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Color

CIELCh(25, 22.100, 354.914)

Conversions

Conversions Part 1

Format	Color
Hex	592E3F
RGB	89, 46, 63
RGB Percent	35%, 18%, 25%
CMY	0.6516, 0.8202, 0.7535
CMYK	0.00, 0.48, 0.29, 0.65
HSL	336°, 32%, 26%
HSV	336°, 48%, 35%
XYZ	5.9685, 4.4155, 5.2186
YIQ	60.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

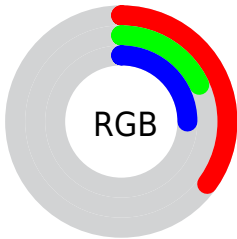
Format	Color
R_{YB}	89, 46, 63
Decimal	5844543
CIE Lab	25.00, 22.01, -1.96
CIE LCh	25, 22.100, 354.914
Yxy	4.4155, 0.3825, 0.2830
Android (android.graphics.Color)	4284034623 (0xFF592E3F)
YUV	60.7950, 1.0871, 24.7358
Hunter-Lab	21.0130, 13.9280, -0.0157




Details

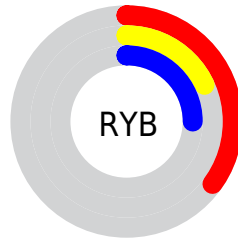
The CIELCh color **25, 22.100, 354.914** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 20.230, 164.985**, and the grayscale version is **26, 0.004, 296.813**.




A 20% lighter version of the original color is **45, 22.113, 353.955**, and **5, 22.144, 354.718** is the 20% darker color. If you saturate the color by 10%, you get **23, 26.453, 356.574**, and if you desaturate by 10%, it is **27, 17.523, 353.522**.

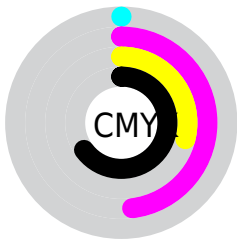
Distribution







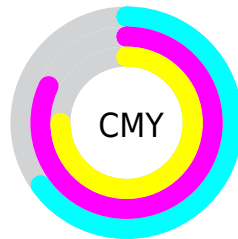
-  Red (35%)
-  Green (18%)
-  Blue (25%)






-  Red (35%)
-  Yellow (18%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (48%)
-  Yellow (29%)
-  Black (65%)





-  Cyan (65%)
-  Magenta (82%)
-  Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 22.100, 354.914 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, 22.100, 354.914 by changing the saturation by 10% instead.

 25, 22.100,
354.914

 25, 22.100,
354.914

 100, 22.100,
354.914


 15, 22.100,
354.914


 45, 22.100,
354.914


 5, 22.100, 354.914

 55, 22.100,
354.914

 0, 22.100, 354.914

 65, 22.100,
354.914

 75, 22.100,
354.914

 85, 22.100,
354.914

 95, 22.100,

354.914

■ 25, 22.100,
354.914

■ 25, 22.100,
354.914

■ 23, 26.453,
356.574

■ 27, 17.523,
353.522

■ 21, 30.407,
358.589

■ 30, 12.871,
352.327

■ 19, 33.763, 1.077

■ 33, 8.243, 351.280

■ 18, 36.361, 4.178

■ 35, 3.707, 350.326

■ 17, 38.715, 7.461

■ 38, 0.699, 169.924

■ 17, 39.135, 7.951

■ 41, 4.956, 168.878

■ 44, 9.057, 168.177

■ 47, 13.003,
167.547

■ 50, 16.801,
166.969

Harmonies

Complementary

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



25, 22.100, 354.914



34, 20.230, 164.985

Rectangle

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



25, 22.100, 354.914



25, 22.100, 44.914



25, 22.100, 174.914



25, 22.100, 224.914

Sweetspot

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



25, 22.098, 354.916



43, 8.274, 350.996



24, 30.006, 314.472



21, 5.700, 351.126



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, 22.098, 354.916



30, 32.388, 356.843



26, 19.814, 31.171



16, 2.426, 350.360



21, 44.643, 9.252



50, 79.841, 13.002

Inverse Universe

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



25, 22.098, 354.916



30, 32.388, 356.843



33, 14.143, 208.703



16, 2.426, 350.360



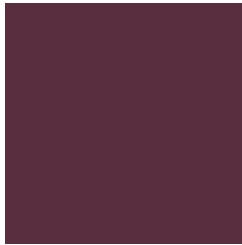
21, 44.643, 9.252



50, 79.841, 13.002

Previews

White Background



This preview shows how the CIE LCh color 25, 22.100, 354.914 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, 22.100, 354.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

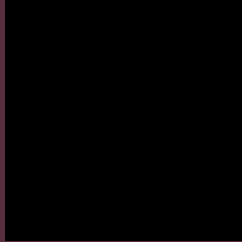
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 22.100, 354.914

Background



This preview shows how black text looks on a background with the CIELCh color 25, 22.100, 354.914.



This preview shows how white text looks on a background with the CIELCh color 25, 22.100, 354.914.

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, 22.100, 354.914

Protanopia
25, 7.933, 285.781

Deuteranopia
25, 3.758, 348.477



Tritanopia
25, 19.544, 18.028

Trichromacy



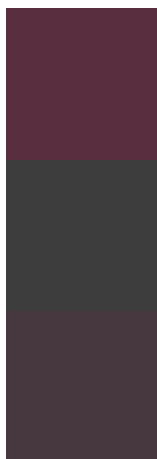
Original Color
25, 22.100, 354.914

Protanomaly
25, 11.373, 327.367

Deuteranomaly
25, 10.536, 351.809

Tritanomaly
25, 20.015, 9.102

Monochromacy



Original Color
25, 22.100, 354.914

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 8.630, 349.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 22.100, 354.914 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(89, 46, 63)` looks like.

```
.text, #text, p{  
    color:rgb(89, 46, 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(89, 46, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 46, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 22.100, 354.914 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(89, 46, 63) }
```

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

```
.border{ border-color:rgb(89, 46, 63) }
```

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

Here you see how a box with a 4 pixel rgb(89, 46, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 46, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 46, 63);  
box-shadow:4px 4px 4px 4px rgb(89, 46, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 22.100, 354.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 46, 63) }
```

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

```
.background{ background-color: rgb(89, 46,  
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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