

Converting Colors

CIELCh(25, 27.758, 345.976)

Have a look what the booklet for
CIELCh(25, 27.758, 345.976)
contains.

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Color

CIELCh(25, 27.869, 346.197)

Conversions

Conversions Part 1

Format	Color
Hex	5D2A46
RGB	93, 42, 70
RGB Percent	36%, 16%, 27%
CMY	0.6356, 0.8356, 0.7258
CMYK	0.00, 0.55, 0.25, 0.64
HSL	327°, 38%, 26%
HSV	327°, 55%, 36%
XYZ	6.4353, 4.4155, 6.2960
YIQ	60.4410, 21.4080, 19.5200

Conversions

Conversions Part 2

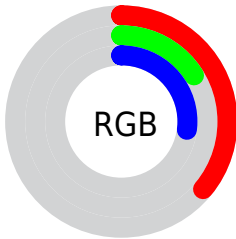
Format	Color
RYB	93, 42, 70
Decimal	6105670
CIELab	25.00, 27.06, -6.65
CIELCh	25, 27.869, 346.197
Yxy	4.4155, 0.3753, 0.2575
Android (android.graphics.Color)	4284295750 (0xFF5D2A46)
YUV	60.4410, 4.7126, 28.5542
Hunter-Lab	21.0130, 17.8930, -3.0554

Details

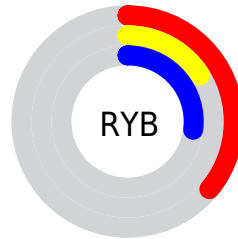
The CIELCh color **25, 27.869, 346.197** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **35, 26.809, 155.833**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 27.518, 346.715**, and **6, 25.812, 347.405** is the 20% darker color. If you saturate the color by 10%, you get **23, 32.195, 347.582**, and if you desaturate by 10%, it is **27, 23.066, 345.011**.

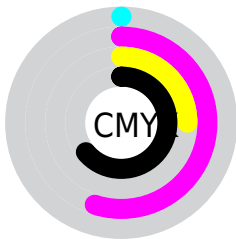
Distribution



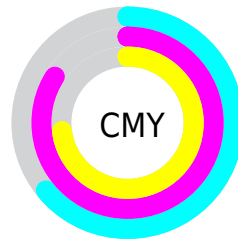
- Red (36%)
- Green (16%)
- Blue (27%)



- Red (36%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (64%)





- Cyan (64%)
- Magenta (84%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 27.869, 346.197 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, 27.869, 346.197 by changing the saturation by 10% instead.

 25, 27.869,
346.197


 25, 27.869,
346.197

 100, 27.869,
346.197


 15, 27.869,
346.197


 45, 27.869,
346.197


 5, 27.869, 346.197

 55, 27.869,
346.197

 0, 27.869, 346.197

 65, 27.869,
346.197

 75, 27.869,
346.197

 85, 27.869,
346.197

 95, 27.869,

346.197

■ 25, 27.869,
346.197

■ 25, 27.869,
346.197

■ 23, 32.195,
347.582

■ 27, 23.066,
345.011

■ 21, 35.819,
349.233

■ 30, 17.990,
343.969

■ 20, 38.525,
351.245

■ 32, 12.797,
343.038

■ 19, 40.395,
353.611

■ 35, 7.598, 342.188

■ 18, 41.408,
354.777

■ 38, 2.466, 341.361

■ 41, 2.553, 160.833

■ 44, 7.433, 160.122

■ 47, 12.163,
159.503

■ 50, 16.743,
158.930

Harmonies

Complementary

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



25, 27.869, 346.197



35, 26.809, 155.833

Rectangle

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



25, 27.869, 346.197



25, 27.869, 36.197



25, 27.869, 166.197



25, 27.869, 216.197

Sweetspot

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



25, 27.867, 346.198



45, 10.092, 342.321



22, 34.898, 310.127



22, 6.875, 342.429



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, 27.867, 346.198



30, 39.991, 348.066



24, 25.354, 21.708



17, 2.817, 341.696



22, 46.362, 355.542



51, 80.976, 358.075

Inverse Universe

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



25, 27.867, 346.198



30, 39.991, 348.066



36, 18.124, 192.011



17, 2.817, 341.696



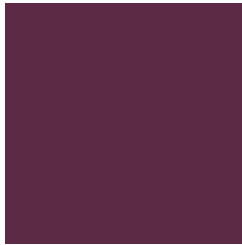
22, 46.362, 355.542



51, 80.976, 358.075

Previews

White Background



This preview shows how the CIELCh color 25, 27.869, 346.197 looks on a white background.

Color Contrast Check

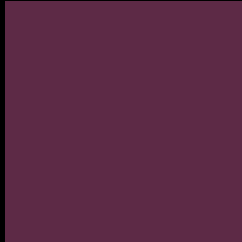
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.869, 346.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

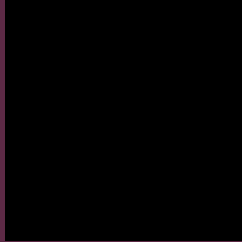
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 27.869, 346.197

Background



This preview shows how black text looks on a background with the CIELCh color 25, 27.869, 346.197.



This preview shows how white text looks on a background with the CIELCh color 25, 27.869, 346.197.

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, 27.869, 346.197

Protanopia

25, 15.233, 284.648

Deuteranopia

25, 6.351, 311.487



Tritanopia
25, 22.020, 17.723

Trichromacy



Original Color
25, 27.869, 346.197

Protanomaly
25, 17.692, 313.759

Deuteranomaly
25, 14.301, 335.049

Tritanomaly
25, 23.036, 5.442

Monochromacy



Original Color
25, 27.869, 346.197

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 11.209, 341.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 27.869, 346.197 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(93, 42, 70)` looks like.

```
.text, #text, p{  
    color:rgb(93, 42, 70)  
}
```

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(93, 42, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 42, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 27.869, 346.197 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(93, 42, 70) }
```

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

```
.border{ border-color:rgb(93, 42, 70) }
```

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

Here you see how a box with a 4 pixel rgb(93, 42, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 42, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 42, 70);  
box-shadow:4px 4px 4px 4px rgb(93, 42, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 27.869, 346.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 42, 70) }
```

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

```
.background{ background-color: rgb(93, 42,  
70) }
```

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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