

Converting Colors

CIELCh(27, 25.654, 356.070)

Have a look what the booklet for
CIELCh(27, 25.654, 356.070)
contains.

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Color

CIELCh(27, 25.685, 355.822)

Conversions

Conversions Part 1

Format	Color
Hex	622F43
RGB	98, 47, 67
RGB Percent	38%, 18%, 26%
CMY	0.6140, 0.8142, 0.7358
CMYK	0.00, 0.52, 0.32, 0.61
HSL	336°, 35%, 29%
HSV	336°, 52%, 39%
XYZ	7.1390, 5.0937, 5.9768
YIQ	64.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

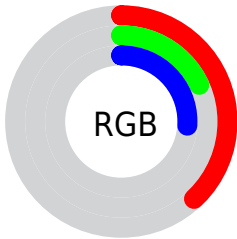
Format	Color
RYB	98, 47, 67
Decimal	6434627
CIELab	27.00, 25.62, -1.87
CIELCh	27, 25.685, 355.822
Yxy	5.0937, 0.3920, 0.2797
Android (android.graphics.Color)	4284624707 (0xFF622F43)
YUV	64.5290, 1.2182, 29.3541
Hunter-Lab	22.5692, 16.9666, 0.0972

Details

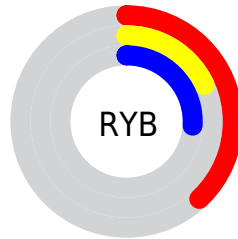
The CIELCh color $27, 25.685, 355.822$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $38, 23.323, 164.692$, and the grayscale version is $27, 0.004, 296.813$.

A 20% lighter version of the original color is $47, 25.384, 355.699$, and $7, 25.495, 356.634$ is the 20% darker color. If you saturate the color by 10%, you get $25, 30.264, 357.656$, and if you desaturate by 10%, it is $30, 20.784, 354.303$.

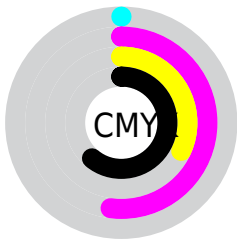
Distribution



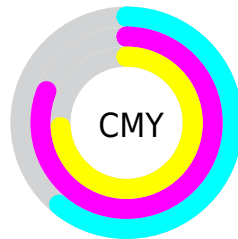
- Red (38%)
- Green (18%)
- Blue (26%)



- Red (38%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (52%)
- Yellow (32%)
- Black (61%)





- Cyan (61%)
- Magenta (81%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 25.685, 355.822 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 27, 25.685, 355.822 by changing the saturation by 10% instead.

 27, 25.685,
355.822


 27, 25.685,
355.822

 100, 25.685,
355.822


 17, 25.685,
355.822

 47, 25.685,
355.822


 7, 25.685, 355.822

 57, 25.685,
355.822

 0, 25.685, 355.822

 67, 25.685,
355.822

 77, 25.685,
355.822

 87, 25.685,
355.822

 97, 25.685,

355.822

■ 27, 25.685,
355.822

■ 27, 25.685,
355.822

■ 25, 30.264,
357.656

■ 30, 20.784,
354.303

■ 23, 34.313,
359.906

■ 32, 15.743,
353.012

■ 21, 37.620, 2.709

■ 35, 10.694,
351.895

■ 20, 40.078, 6.187

■ 38, 5.723, 350.899

■ 19, 42.056, 9.025

■ 41, 0.885, 349.777

■ 44, 3.794, 169.368

■ 47, 8.301, 168.621

■ 50, 12.636,
167.962

■ 54, 16.805,
167.361

Harmonies

Complementary

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



27, 25.685, 355.822



38, 23.323, 164.692

Rectangle

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



27, 25.685, 355.822



27, 25.685, 45.822



27, 25.685, 175.822



27, 25.685, 225.822

Sweetspot

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



27, 25.683, 355.824



47, 9.619, 351.346



25, 35.005, 314.635



23, 6.449, 351.478



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



27, 25.683, 355.824



32, 37.390, 358.060



28, 23.445, 31.631



18, 2.661, 350.613



22, 46.171, 9.892



51, 81.232, 13.435

Inverse Universe

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



27, 25.683, 355.824



32, 37.390, 358.060



37, 16.163, 208.841



18, 2.661, 350.613



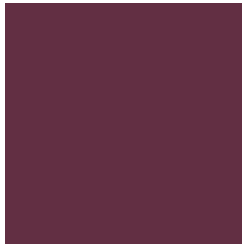
22, 46.171, 9.892



51, 81.232, 13.435

Previews

White Background



This preview shows how the CIELCh color 27, 25.685, 355.822 looks on a white background.

Color Contrast Check

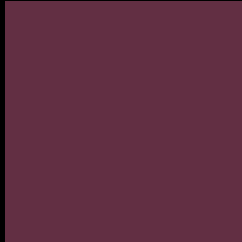
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 25.685, 355.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

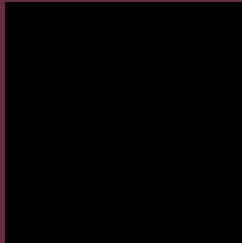
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 25.685, 355.822

Background



This preview shows how black text looks on a background with the CIELCh color 27, 25.685, 355.822.



This preview shows how white text looks on a background with the CIELCh color 27, 25.685, 355.822.

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

27, 25.685, 355.822

Protanopia

27, 9.157, 284.298

Deuteranopia

27, 4.113, 351.867



Tritanopia
27, 22.730, 17.898

Trichromacy



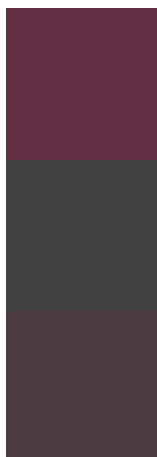
Original Color
27, 25.685, 355.822

Protanomaly
27, 12.781, 327.199

Deuteranomaly
27, 11.927, 352.587

Tritanomaly
27, 23.600, 9.175

Monochromacy



Original Color
27, 25.685, 355.822

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 9.329, 352.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 25.685, 355.822 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(98, 47, 67)` looks like.

```
.text, #text, p{  
    color:rgb(98, 47, 67)  
}
```

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(98, 47, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 47, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 25.685, 355.822 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(98, 47, 67) }
```

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

```
.border{ border-color:rgb(98, 47, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 47, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 47, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 47, 67);  
box-shadow:4px 4px 4px 4px rgb(98, 47, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 25.685, 355.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 47, 67) }
```

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

```
.background{ background-color: rgb(98, 47,  
67) }
```

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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