

Converting Colors

CIELCh(27, 40.347, 318.263)

Have a look what the booklet for
CIELCh(27, 40.347, 318.263)
contains.

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Color

CIELCh(27, 40.396, 318.277)

Conversions

Conversions Part 1

Format	Color
Hex	582E69
RGB	88, 46, 105
RGB Percent	35%, 18%, 41%
CMY	0.6537, 0.8184, 0.5870
CMYK	0.16, 0.56, 0.00, 0.59
HSL	283°, 39%, 30%
HSV	283°, 56%, 41%
XYZ	7.6092, 5.0937, 14.0322
YIQ	65.2840, 6.0930, 27.2530

Conversions

Conversions Part 2

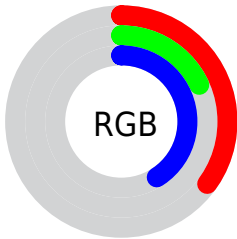
Format	Color
R_{YB}	88, 46, 105
Decimal	5779049
CIE _{Lab}	27.00, 30.15, -26.88
CIE _{LCh}	27, 40.396, 318.277
Yxy	5.0937, 0.2846, 0.1905
Android (android.graphics.Color)	4283969129 (0xFF582E69)
YUV	65.2840, 19.5800, 19.9219
Hunter-Lab	22.5692, 20.6856, -21.0647

Details

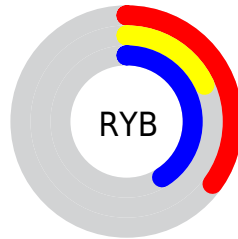
The CIELCh color $27, 40.396, 318.277$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $40, 38.996, 133.384$, and the grayscale version is $28, 0.004, 296.813$.

A 20% lighter version of the original color is $47, 40.521, 318.357$, and $7, 40.009, 318.396$ is the 20% darker color. If you saturate the color by 10%, you get $24, 46.915, 318.519$, and if you desaturate by 10%, it is $30, 33.389, 317.947$.

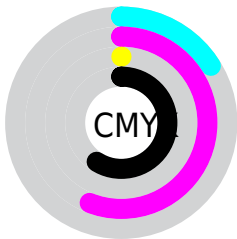
Distribution



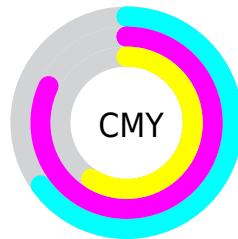
- Red (35%)
- Green (18%)
- Blue (41%)



- Red (35%)
- Yellow (18%)
- Blue (41%)



- Cyan (16%)
- Magenta (56%)
- Yellow (0%)
- Black (59%)





- Cyan (65%)
- Magenta (82%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 40.396, 318.277 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, 40.396, 318.277 by changing the saturation by 10% instead.

 27, 40.396,
318.277

 27, 40.396,
318.277

 100, 40.396,
318.277

 17, 40.396,
318.277

 47, 40.396,
318.277

 7, 40.396, 318.277

 57, 40.396,
318.277

 0, 40.396, 318.277

 67, 40.396,
318.277

 77, 40.396,
318.277

 87, 40.396,
318.277

 97, 40.396,

318.277

■ 27, 40.396,
318.277

■ 27, 40.396,
318.277

■ 24, 46.915,
318.519

■ 30, 33.389,
317.947

■ 22, 52.647,
318.625

■ 33, 26.131,
317.564

■ 20, 57.259,
318.544

■ 36, 18.793,
317.156

■ 19, 60.765,
318.289

■ 39, 11.487,
316.741

■ 18, 62.199,
318.216

■ 43, 4.286, 316.322

■ 46, 2.766, 136.005

■ 49, 9.645, 135.613

■ 53, 16.341,
135.272

■ 56, 22.851,
134.960

Harmonies

Complementary

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



27, 40.396, 318.277



40, 38.996, 133.384

Rectangle

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



27, 40.396, 318.277



27, 40.396, 8.277



27, 40.396, 138.277



27, 40.396, 188.277

Sweetspot

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



27, 40.395, 318.277



50, 15.189, 316.801



28, 27.069, 283.387



25, 10.095, 316.857



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



27, 40.395, 318.277



32, 58.952, 318.565



29, 36.798, 334.062



21, 4.053, 316.447



21, 67.187, 318.108



46, 115.954, 317.584

Inverse Universe

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



28, 28.415, 4.165



33, 41.759, 7.284



40, 36.963, 145.700



21, 2.736, 357.527



23, 49.050, 19.674



52, 86.085, 23.292

Previews

White Background



This preview shows how the CIE LCh color 27, 40.396, 318.277 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, 40.396, 318.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

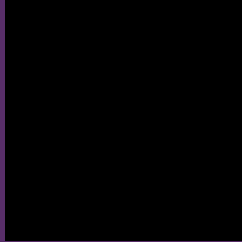
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 40.396, 318.277

Background



This preview shows how black text looks on a background with the CIELCh color 27, 40.396, 318.277.



This preview shows how white text looks on a background with the CIELCh color 27, 40.396, 318.277.

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, 40.396, 318.277

Protanopia

27, 38.478, 286.373

Deuteranopia

27, 25.146, 280.309



Tritanopia
27, 11.442, 8.647

Trichromacy



Original Color
27, 40.396, 318.277

Protanomaly
26, 38.426, 295.972

Deuteranomaly
27, 29.380, 297.014

Tritanomaly
27, 20.035, 332.634

Monochromacy



Original Color
27, 40.396, 318.277

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 15.093, 317.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 40.396, 318.277 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(88, 46, 105)` looks like.

```
.text, #text, p{  
    color:rgb(88, 46, 105)  
}
```

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(88, 46, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 46, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 40.396, 318.277 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(88, 46, 105) }
```

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

```
.border{ border-color:rgb(88, 46, 105) }
```

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

Here you see how a box with a 4 pixel rgb(88, 46, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 46, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 46, 105);  
box-shadow:4px 4px 4px 4px rgb(88, 46,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 40.396, 318.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 46, 105) }
```

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

```
.background{ background-color: rgb(88, 46,  
105) }
```

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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