

Converting Colors

CIELCh(27, 106.806, 308.152)

Have a look what the booklet for
CIELCh(27, 106.806, 308.152)
contains.

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Color

CIELCh(27, 106.749, 308.186)

Conversions

Conversions Part 1

Format	Color
Hex	3C03C6
RGB	60, 3, 198
RGB Percent	24%, 1%, 78%
CMY	0.7651, 0.9887, 0.2238
CMYK	0.70, 0.99, 0.00, 0.22
HSL	258°, 97%, 39%
HSV	258°, 99%, 78%
XYZ	12.0728, 5.0937, 53.7279
YIQ	42.2730, -28.6230, 72.7290

Conversions

Conversions Part 2

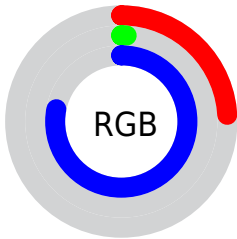
Format	Color
R_{YB}	60, 3, 198
Decimal	3933126
CIE _{Lab}	27.00, 65.99, -83.91
CIE _{LCh}	27, 106.749, 308.186
Yxy	5.0937, 0.1703, 0.0718
Android (android.graphics.Color)	4282123206 (0xFF3C03C6)
YUV	42.2730, 76.7734, 15.5466
Hunter-Lab	22.5692, 55.9877, -125.3467

Details

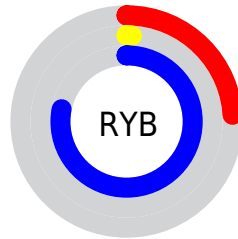
The CIELCh color **27, 106.749, 308.186** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **74, 83.913, 119.444**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 106.110, 308.159**, and **15, 86.542, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **27, 107.503, 308.187**, and if you desaturate by 10%, it is **30, 100.992, 308.227**.

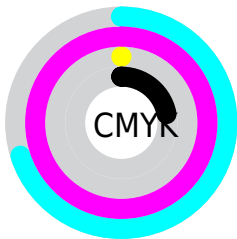
Distribution



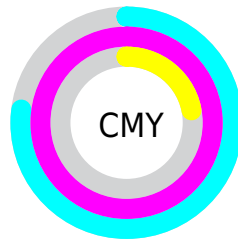
- Red (24%)
- Green (1%)
- Blue (78%)



- Red (24%)
- Yellow (1%)
- Blue (78%)



- Cyan (70%)
- Magenta (99%)
- Yellow (0%)
- Black (22%)





- Cyan (77%)
- Magenta (99%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 106.749, 308.186 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, 106.749, 308.186 by changing the saturation by 10% instead.


 27, 106.749,
308.186


 27, 106.749,
308.186


 100, 106.749,
308.186


 17, 106.749,
308.186


 47, 106.749,
308.186


 7, 106.749,
308.186


 57, 106.749,
308.186

 0, 106.749,
308.186

 67, 106.749,
308.186

 77, 106.749,
308.186

 87, 106.749,
308.186

 97, 106.749,

308.186

■ 27, 106.749,
308.186

■ 27, 106.749,
308.186

■ 27, 107.503,
308.187

■ 30, 100.992,
308.227

■ 34, 92.205,
307.821

■ 38, 81.237,
307.078

■ 44, 69.181,
306.170

■ 50, 56.774,
305.221

■ 56, 44.434,
304.305

■ 62, 32.368,
303.458

■ 68, 20.666,
302.696

■ 75, 9.361, 302.019

Harmonies

Complementary

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



27, 106.749, 308.186



74, 83.913, 119.444

Rectangle

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



27, 106.749, 308.186



27, 106.749, 358.186



27, 106.749, 128.186



27, 106.749, 178.186

Sweetspot

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



27, 106.751, 308.187



77, 41.914, 303.612



56, 39.240, 252.520



38, 28.801, 303.972



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



27, 106.751, 308.187



35, 130.326, 308.056



40, 97.180, 320.157



39, 6.242, 302.073



21, 93.011, 308.312



2, 21.798, 299.397

Inverse Universe

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



44, 76.505, 344.163



57, 92.416, 344.751



70, 96.525, 134.452



39, 6.015, 334.579



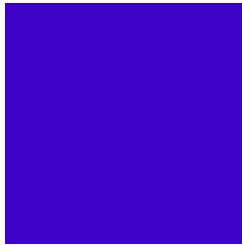
36, 66.545, 344.131



4, 20.699, 340.112

Previews

White Background



This preview shows how the CIE LCh color 27, 106.749, 308.186 looks on a white background.

Color Contrast Check

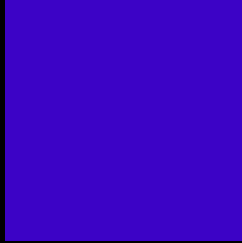
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 106.749, 308.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

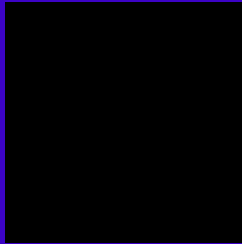
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 106.749, 308.186

Background



This preview shows how black text looks on a background with the CIELCh color 27, 106.749, 308.186.



This preview shows how white text looks on a background with the CIELCh color 27, 106.749,

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, 106.749, 308.186

Protanopia

27, 45.641, 285.251

Deuteranopia

28, 31.129, 269.660



Tritanopia
28, 19.769, 204.200

Trichromacy



Original Color
27, 106.749, 308.186

Protanomaly
24, 74.382, 300.705

Deuteranomaly
24, 65.029, 298.661

Tritanomaly
22, 49.119, 293.956

Monochromacy



Original Color
27, 106.749, 308.186

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 48.210, 307.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 106.749, 308.186 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(60, 3, 198)` looks like.

```
.text, #text, p{  
    color:rgb(60, 3, 198)  
}
```

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(60, 3, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 3, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 106.749, 308.186 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(60, 3, 198) }
```

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

```
.border{ border-color:rgb(60, 3, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 3, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 3, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 3, 198);  
box-shadow:4px 4px 4px 4px rgb(60, 3, 198)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 106.749, 308.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 3, 198) }
```

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

```
.background{ background-color: rgb(60, 3,  
198) }
```

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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