

Converting Colors

CIELCh(28, 108.046, 308.104)

Have a look what the booklet for
CIELCh(28, 108.046, 308.104)
contains.

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Color

CIELCh(28, 108.205, 308.081)

Conversions

Conversions Part 1

Format	Color
Hex	3E06CB
RGB	62, 6, 203
RGB Percent	24%, 2%, 80%
CMY	0.7572, 0.9770, 0.2042
CMYK	0.69, 0.97, 0.00, 0.20
HSL	257°, 94%, 41%
HSV	257°, 97%, 80%
XYZ	12.8159, 5.4574, 56.8365
YIQ	45.2020, -29.8610, 73.1390

Conversions

Conversions Part 2

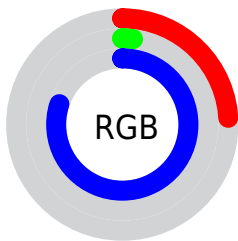
Format	Color
R _{YB}	62, 6, 203
Decimal	4064971
CIE Lab	28.00, 66.74, -85.17
CIE LCh	28, 108.205, 308.081
Yxy	5.4574, 0.1706, 0.0727
Android (android.graphics.Color)	4282255051 (0xFF3E06CB)
YUV	45.2020, 77.7944, 14.7318
Hunter-Lab	23.3610, 57.0434, -127.8975

Details

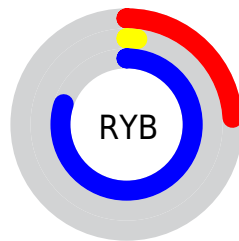
The CIELCh color **28, 108.205, 308.081** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **75, 84.933, 118.936**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **48, 104.999, 308.307**, and **16, 88.754, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **27, 109.698, 308.073**, and if you desaturate by 10%, it is **31, 102.016, 308.068**.

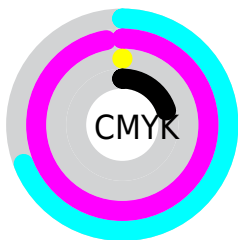
Distribution



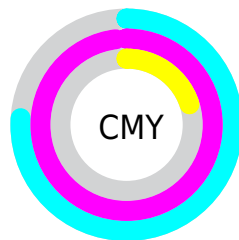
- Red (24%)
- Green (2%)
- Blue (80%)



- Red (24%)
- Yellow (2%)
- Blue (80%)



- Cyan (69%)
- Magenta (97%)
- Yellow (0%)
- Black (20%)





- Cyan (76%)
- Magenta (98%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 108.205, 308.081 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 28, 108.205, 308.081 by changing the saturation by 10% instead.


 28, 108.205,
308.081


 28, 108.205,
308.081


 100, 108.205,
308.081


 18, 108.205,
308.081


 48, 108.205,
308.081


 8, 108.205,
308.081

 58, 108.205,
308.081

 0, 108.205,
308.081

 68, 108.205,
308.081

 78, 108.205,
308.081

 88, 108.205,
308.081

 98, 108.205,

308.081

■ 28, 108.205,
308.081

■ 28, 108.205,
308.081

■ 27, 109.698,
308.073

■ 31, 102.016,
308.068

■ 35, 92.642,
307.578

■ 40, 81.202,
306.773

■ 46, 68.783,
305.825

■ 52, 56.095,
304.853

■ 58, 43.524,
303.924

■ 64, 31.259,
303.071

■ 71, 19.380,
302.308

■ 77, 7.911, 301.632

Harmonies

Complementary

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



28, 108.205, 308.081



75, 84.933, 118.936

Rectangle

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



28, 108.205, 308.081



28, 108.205, 358.081



28, 108.205, 128.081



28, 108.205, 178.081

Sweetspot

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



28, 108.207, 308.082



78, 40.417, 303.258



57, 39.718, 251.915



38, 27.938, 303.625



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



28, 108.207, 308.082



35, 130.497, 307.960



41, 98.643, 320.217



40, 6.367, 301.780



21, 94.220, 308.200



2, 23.857, 299.740

Inverse Universe

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



46, 78.274, 343.366



57, 92.906, 344.152



72, 97.921, 134.412



40, 6.178, 334.258



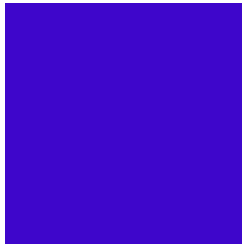
37, 67.647, 343.582



4, 23.018, 339.846

Previews

White Background



This preview shows how the CIE LCh color 28, 108.205, 308.081 looks on a white background.

Color Contrast Check

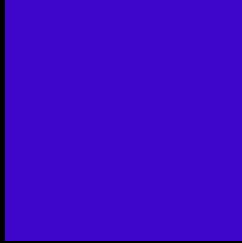
Large Text (above 18pt) WCAG AA ✓ Pass

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 28, 108.205, 308.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

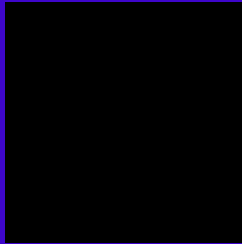
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 108.205, 308.081

Background



This preview shows how black text looks on a background with the CIELCh color 28, 108.205, 308.081.



This preview shows how white text looks on a background with the CIELCh color 28, 108.205, 308.081.

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

28, 108.205, 308.081

Protanopia

28, 46.695, 285.315

Deuteranopia

28, 31.683, 269.583



Tritanopia
28, 20.141, 204.020

Trichromacy



Original Color
28, 108.205, 308.081

Protanomaly
25, 74.684, 300.263

Deuteranomaly
25, 65.309, 298.149

Tritanomaly
23, 48.821, 293.098

Monochromacy



Original Color
28, 108.205, 308.081

Achromatopsia
18, 0.003, 296.813

Achromatomaly
19, 47.982, 306.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 108.205, 308.081 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(62, 6, 203)` looks like.

```
.text, #text, p{  
    color:rgb(62, 6, 203)  
}
```

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(62, 6, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 6, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 108.205, 308.081 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(62, 6, 203) }
```

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

```
.border{ border-color:rgb(62, 6, 203) }
```

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

Here you see how a box with a 4 pixel rgb(62, 6, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 6, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 6, 203);  
box-shadow:4px 4px 4px 4px rgb(62, 6, 203)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 108.205, 308.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 6, 203) }
```

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

```
.background{ background-color: rgb(62, 6,  
203) }
```

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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