

Converting Colors

CIELCh(28, 108.375, 304.577)

Have a look what the booklet for
CIELCh(28, 108.375, 304.577)
contains.

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Color

CIELCh(28, 108.537, 304.602)

Conversions

Conversions Part 1

Format	Color
Hex	041BD2
RGB	4, 27, 210
RGB Percent	2%, 11%, 82%
CMY	0.9850, 0.8943, 0.1766
CMYK	0.98, 0.87, 0.00, 0.18
HSL	233°, 96%, 42%
HSV	233°, 98%, 82%
XYZ	12.0658, 5.4574, 61.3628
YIQ	40.9850, -72.4510, 52.0370

Conversions

Conversions Part 2

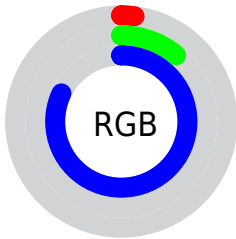
Format	Color
R_{YB}	4, 25, 210
Decimal	269266
CIE _{Lab}	28.00, 61.64, -89.34
CIE _{LCh}	28, 108.537, 304.602
Yxy	5.4574, 0.1530, 0.0692
Android (android.graphics.Color)	4278459346 (0xFF041BD2)
YUV	40.9850, 83.3244, -32.4358
Hunter-Lab	23.3610, 51.3121, -139.3854

Details

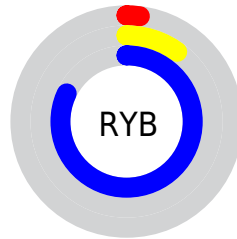
The CIELCh color **28, 108.537, 304.602** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **76, 77.051, 95.148**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 101.760, 304.670**, and **17, 91.827, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **28, 109.837, 304.871**, and if you desaturate by 10%, it is **31, 99.543, 302.619**.

Distribution



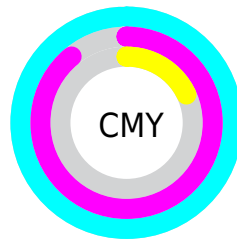
- Red (2%)
- Green (11%)
- Blue (82%)



- Red (2%)
- Yellow (10%)
- Blue (82%)



- Cyan (98%)
- Magenta (87%)
- Yellow (0%)
- Black (18%)





- Cyan (99%)
- Magenta (89%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 108.537, 304.602 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, 108.537, 304.602 by changing the saturation by 10% instead.


 28, 108.537,
304.602


 28, 108.537,
304.602


 100, 108.537,
304.602


 18, 108.537,
304.602


 48, 108.537,
304.602


 8, 108.537,
304.602


 58, 108.537,
304.602

 0, 108.537,
304.602

 68, 108.537,
304.602

 78, 108.537,
304.602

 88, 108.537,
304.602

 98, 108.537,

304.602

■ 28, 108.537,
304.602

■ 28, 108.537,
304.602

■ 28, 109.837,
304.871

■ 31, 99.543,
302.619

■ 36, 88.254,
300.147

■ 41, 76.039,
297.518

■ 47, 63.753,
294.977

■ 53, 51.781,
292.665

■ 60, 40.242,
290.634

■ 66, 29.146,
288.884

■ 73, 18.466,
287.389

■ 79, 8.170, 286.122

Harmonies

Complementary

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



28, 108.537, 304.602



76, 77.051, 95.148

Rectangle

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



28, 108.537, 304.602



28, 108.537, 354.602



28, 108.537, 124.602



28, 108.537, 174.602

Sweetspot

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



28, 108.539, 304.603



78, 35.188, 289.070



76, 48.284, 180.293



38, 24.342, 289.805



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, 108.539, 304.603



34, 127.986, 305.050



31, 109.659, 309.546



41, 5.658, 286.265



21, 92.294, 304.604



2, 23.566, 290.464

Inverse Universe

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



44, 84.317, 34.900



53, 99.483, 36.114



77, 90.207, 123.596



41, 4.500, 10.886



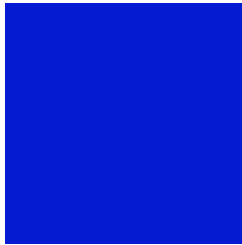
35, 71.832, 34.860



4, 20.069, 14.243

Previews

White Background



This preview shows how the CIELCh color 28, 108.537, 304.602 looks on a white background.

Color Contrast Check

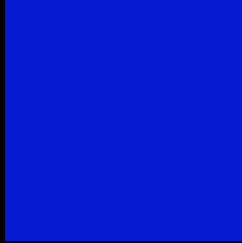
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.537, 304.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

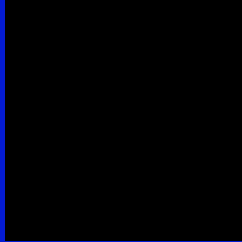
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 108.537, 304.602

Background



This preview shows how black text looks on a background with the CIELCh color 28, 108.537, 304.602.



This preview shows how white text looks on a background with the CIELCh color 28, 108.537, 304.602.

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, 108.537, 304.602

Protanopia

28, 46.169, 285.283

Deuteranopia

28, 31.141, 269.220



Tritanopia
28, 20.062, 202.141

Trichromacy



Original Color
28, 108.537, 304.602

Protanomaly
27, 70.959, 297.283

Deuteranomaly
26, 61.357, 294.277

Tritanomaly
25, 44.852, 286.635

Monochromacy



Original Color
28, 108.537, 304.602

Achromatopsia
17, 0.003, 296.813

Achromatomaly
18, 45.068, 297.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 108.537, 304.602 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(4, 27, 210)` looks like.

```
.text, #text, p{  
    color:rgb(4, 27, 210)  
}
```

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(4, 27, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 27, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 108.537, 304.602 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(4, 27, 210) }
```

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

```
.border{ border-color:rgb(4, 27, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 27, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 27, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 27, 210);  
box-shadow:4px 4px 4px 4px rgb(4, 27, 210)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 108.537, 304.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 27, 210) }
```

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

```
.background{ background-color: rgb(4, 27,  
210) }
```

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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