

Converting Colors

CIELCh(44, 67.152, 287.361)

Have a look what the booklet for
CIELCh(44, 67.152, 287.361)
contains.

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Color

CIELCh(44, 67.058, 287.269)

Conversions

Conversions Part 1

Format	Color
Hex	0364D4
RGB	3, 100, 212
RGB Percent	1%, 39%, 83%
CMY	0.9885, 0.6086, 0.1695
CMYK	0.99, 0.53, 0.00, 0.17
HSL	212°, 97%, 42%
HSV	212°, 99%, 83%
XYZ	16.4298, 13.8382, 63.9419
YIQ	83.7650, -93.7640, 14.2680

Conversions

Conversions Part 2

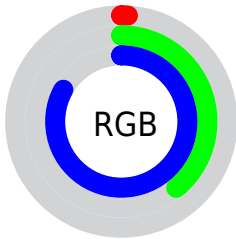
Format	Color
R _Y B	3, 69, 212
Decimal	222420
CIE Lab	44.00, 19.91, -64.04
CIE LCh	44, 67.058, 287.269
Yxy	13.8382, 0.1744, 0.1469
Android (android.graphics.Color)	4278412500 (0xFF0364D4)
YUV	83.7650, 63.2199, -70.8309
Hunter-Lab	37.1997, 13.7375, -75.8726

Details

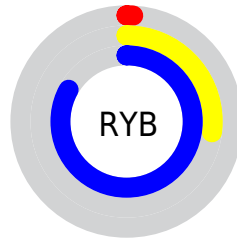
The CIELCh color **44, 67.058, 287.269** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **58, 72.607, 63.644**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 59.050, 284.675**, and **27, 64.785, 294.987** is the 20% darker color. If you saturate the color by 10%, you get **44, 68.055, 287.835**, and if you desaturate by 10%, it is **47, 60.014, 282.933**.

Distribution



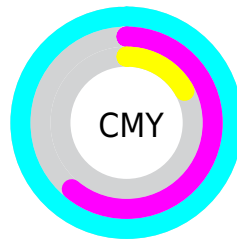
- Red (1%)
- Green (39%)
- Blue (83%)



- Red (1%)
- Yellow (27%)
- Blue (83%)



- Cyan (99%)
- Magenta (53%)
- Yellow (0%)
- Black (17%)



- Cyan (99%)
- Magenta (61%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 67.058, 287.269 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 44, 67.058, 287.269 by changing the saturation by 10% instead.

 44, 67.058,
287.269


 44, 67.058,
287.269

 100, 67.058,
287.269

 34, 67.058,
287.269

 64, 67.058,
287.269


 24, 67.058,
287.269

 74, 67.058,
287.269

 14, 67.058,
287.269

 84, 67.058,
287.269

 4, 67.058, 287.269

 94, 67.058,
287.269

 0, 67.058, 287.269

 44, 67.058,

 44, 67.058,

287.269

287.269

■ 44, 68.055,
287.835

■ 47, 60.014,
282.933

■ 51, 53.175,
278.706

■ 55, 46.471,
274.823

■ 59, 39.820,
271.381

■ 63, 33.155,
268.405

■ 68, 26.439,
265.870

■ 72, 19.661,
263.728

■ 76, 12.826,
261.924

Harmonies

Complementary

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



44, 67.058, 287.269



58, 72.607, 63.644

Rectangle

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



44, 67.058, 287.269



44, 67.058, 337.269



44, 67.058, 107.269



44, 67.058, 157.269

Sweetspot

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



44, 67.058, 287.271



84, 23.950, 264.067



75, 74.468, 150.957



43, 16.317, 264.961



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 67.058, 287.271



52, 79.165, 288.323



26, 115.506, 306.264



43, 3.955, 260.531



35, 57.109, 287.146



6, 18.095, 276.127

Inverse Universe

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



46, 73.168, 5.327



55, 84.423, 6.493



82, 84.053, 104.931



42, 5.400, 346.408



36, 62.559, 5.168



5, 23.193, 356.660

Previews

White Background



This preview shows how the CIE LCh color 44, 67.058, 287.269 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 × Fail

Black Background



This preview shows how the CIE LCh color 44, 67.058, 287.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

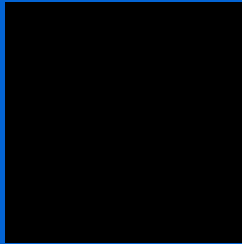
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 67.058, 287.269

Background



This preview shows how black text looks on a background with the CIELCh color 44, 67.058, 287.269.



This preview shows how white text looks on a background with the CIELCh color 44, 67.058, 287.269.

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

44, 67.064, 287.240

Protanopia

44, 67.005, 287.535

Deuteranopia

44, 47.875, 275.082



Tritanopia
44, 27.004, 205.648

Trichromacy



Original Color
44, 67.064, 287.240

Protanomaly
44, 67.029, 287.413

Deuteranomaly
44, 54.277, 280.178

Tritanomaly
43, 33.360, 254.836

Monochromacy



Original Color
44, 67.064, 287.240

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 26.251, 270.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 67.058, 287.269 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(3, 100, 212)` looks like.

```
.text, #text, p{  
    color:rgb(3, 100, 212)  
}
```

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(3, 100, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 100, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 67.058, 287.269 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(3, 100, 212) }
```

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

```
.border{ border-color:rgb(3, 100, 212) }
```

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

Here you see how a box with a 4 pixel rgb(3, 100, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 100, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 100, 212);  
box-shadow:4px 4px 4px 4px rgb(3, 100,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 67.058, 287.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 100, 212) }
```

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

```
.background{ background-color: rgb(3, 100,  
212) }
```

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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