

Converting Colors

CIELCh(42, 68.320, 288.824)

Have a look what the booklet for
CIELCh(42, 68.320, 288.824)
contains.

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Color

CIELCh(42, 68.062, 288.689)

Conversions

Conversions Part 1

Format	Color
Hex	025ECF
RGB	2, 94, 207
RGB Percent	1%, 37%, 81%
CMY	0.9905, 0.6318, 0.1887
CMYK	0.99, 0.55, 0.00, 0.19
HSL	213°, 98%, 41%
HSV	213°, 99%, 81%
XYZ	15.2694, 12.5000, 60.5558
YIQ	79.3740, -91.1050, 15.6390

Conversions

Conversions Part 2

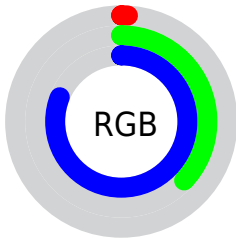
Format	Color
R _Y B	2, 66, 207
Decimal	155343
CIE Lab	42.00, 21.81, -64.47
CIE LCh	42, 68.062, 288.689
Yxy	12.5000, 0.1729, 0.1415
Android (android.graphics.Color)	4278345423 (0xFF025ECF)
YUV	79.3740, 62.9196, -67.8570
Hunter-Lab	35.3553, 15.2192, -76.8018

Details

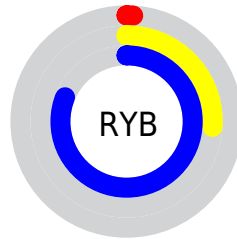
The CIELCh color **42, 68.062, 288.689** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **58, 71.052, 65.101**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 62.475, 287.064**, and **25, 65.886, 296.281** is the 20% darker color. If you saturate the color by 10%, you get **42, 68.929, 289.156**, and if you desaturate by 10%, it is **45, 60.830, 284.461**.

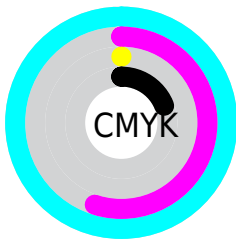
Distribution



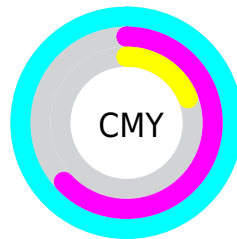
- Red (1%)
- Green (37%)
- Blue (81%)



- Red (1%)
- Yellow (26%)
- Blue (81%)



- Cyan (99%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)




- Cyan (99%)
- Magenta (63%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 68.062, 288.689 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 42, 68.062, 288.689 by changing the saturation by 10% instead.

 42, 68.062,
288.689


 42, 68.062,
288.689


 100, 68.062,
288.689

 32, 68.062,
288.689

 62, 68.062,
288.689


 22, 68.062,
288.689

 72, 68.062,
288.689

 12, 68.062,
288.689

 82, 68.062,
288.689

 2, 68.062, 288.689

 92, 68.062,
288.689

 0, 68.062, 288.689

 42, 68.062,

 42, 68.062,

288.689

288.689

■ 42, 68.929,
289.156

■ 45, 60.830,
284.461

■ 49, 53.804,
280.309

■ 53, 46.933,
276.477

■ 57, 40.147,
273.067

■ 61, 33.381,
270.109

■ 66, 26.598,
267.582

■ 70, 19.782,
265.440

■ 75, 12.935,
263.631

Harmonies

Complementary

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



42, 68.062, 288.689



58, 71.052, 65.101

Rectangle

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



42, 68.062, 288.689



42, 68.062, 338.689



42, 68.062, 108.689



42, 68.062, 158.689

Sweetspot

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



42, 68.062, 288.691



84, 24.391, 265.746



73, 71.888, 151.867



43, 16.629, 266.640



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



42, 68.062, 288.691



51, 81.739, 289.698



26, 113.489, 306.325



42, 3.936, 262.199



34, 58.227, 288.499



5, 17.349, 276.415

Inverse Universe

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



44, 71.901, 6.942



55, 84.457, 8.129



80, 82.706, 105.951



41, 5.237, 347.361



36, 61.845, 6.697



5, 21.337, 357.271

Previews

White Background



This preview shows how the CIE LCh color 42, 68.062, 288.689 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 42, 68.062, 288.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

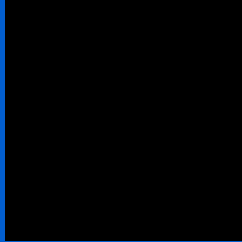
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 68.062, 288.689

Background



This preview shows how black text looks on a background with the CIELCh color 42, 68.062, 288.689.



This preview shows how white text looks on a background with the CIELCh color 42, 68.062, 288.689.

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



Trichromacy



Original Color
42, 68.068, 288.659

Deuteranomaly
42, 53.980, 281.368

Tritanomaly
41, 33.024, 256.519

Monochromacy



Original Color
42, 68.068, 288.659

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 26.844, 272.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 68.062, 288.689 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(2, 94, 207)` looks like.

```
.text, #text, p{  
    color:rgb(2, 94, 207)  
}
```

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(2, 94, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 94, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 68.062, 288.689 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(2, 94, 207) }
```

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

```
.border{ border-color:rgb(2, 94, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 94, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 94, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 94, 207);  
box-shadow:4px 4px 4px 4px rgb(2, 94, 207)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 42, 68.062, 288.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 94, 207) }
```

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

```
.background{ background-color: rgb(2, 94,  
207) }
```

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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