

Converting Colors

CIELCh(41, 62.580, 286.667)

Have a look what the booklet for
CIELCh(41, 62.580, 286.667)
contains.

CIELCh(41, 62.574, 286.701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 62.574, 286.701)

Conversions

Conversions Part 1

Format	Color
Hex	025DC4
RGB	2, 93, 196
RGB Percent	1%, 36%, 77%
CMY	0.9925, 0.6346, 0.2306
CMYK	0.99, 0.53, 0.00, 0.23
HSL	212°, 98%, 39%
HSV	212°, 99%, 77%
XYZ	13.9386, 11.8645, 53.8982
YIQ	77.5330, -87.2990, 12.7410

Conversions

Conversions Part 2

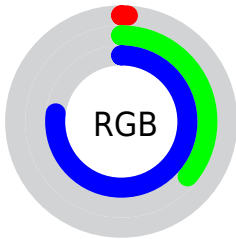
Format	Color
RYB	2, 64, 196
Decimal	155076
CIELab	41.00, 17.98, -59.93
CIELCh	41, 62.574, 286.701
Yxy	11.8645, 0.1749, 0.1489
Android (android.graphics.Color)	4278345156 (0xFF025DC4)
YUV	77.5330, 58.4042, -66.2424
Hunter-Lab	34.4449, 11.9540, -68.6635

Details

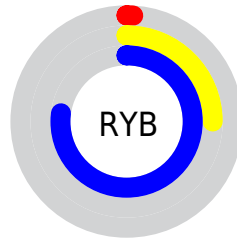
The CIELCh color **41, 62.574, 286.701** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed blue. A complement of this color would be **54, 68.792, 63.213**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 62.087, 286.432**, and **24, 60.108, 294.949** is the 20% darker color. If you saturate the color by 10%, you get **41, 63.221, 287.095**, and if you desaturate by 10%, it is **44, 56.059, 282.377**.

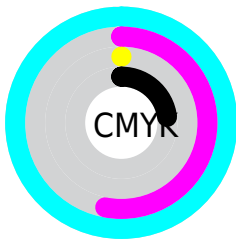
Distribution



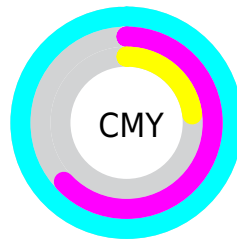
- Red (1%)
- Green (36%)
- Blue (77%)



- Red (1%)
- Yellow (25%)
- Blue (77%)



- Cyan (99%)
- Magenta (53%)
- Yellow (0%)
- Black (23%)





- Cyan (99%)
- Magenta (63%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 62.574, 286.701 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 41, 62.574, 286.701 by changing the saturation by 10% instead.


 41, 62.574,
286.701


 41, 62.574,
286.701


 100, 62.574,
286.701


 31, 62.574,
286.701

 61, 62.574,
286.701


 21, 62.574,
286.701

 71, 62.574,
286.701


 11, 62.574,
286.701


 81, 62.574,
286.701

 1, 62.574, 286.701

 91, 62.574,
286.701

 0, 62.574, 286.701

 41, 62.574,

 41, 62.574,

286.701

■ 41, 63.221,
287.095

286.701

■ 44, 56.059,
282.377

■ 48, 49.739,
278.146

■ 51, 43.537,
274.262

■ 55, 37.373,
270.823

■ 59, 31.186,
267.849

■ 63, 24.940,
265.316

■ 67, 18.626,
263.175

■ 71, 12.251,
261.372

Harmonies

Complementary

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



41, 62.574, 286.701



54, 68.792, 63.213

Rectangle

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



41, 62.574, 286.701



41, 62.574, 336.701



41, 62.574, 106.701



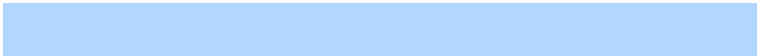
41, 62.574, 156.701

Sweetspot

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



41, 62.574, 286.703



85, 23.800, 263.461



70, 71.581, 150.101



43, 16.210, 264.355



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 62.574, 286.703



53, 78.263, 287.818



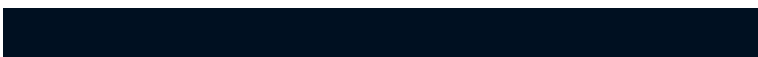
24, 109.293, 306.251



39, 3.623, 259.913



33, 53.693, 286.404



4, 13.240, 271.805

Inverse Universe

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



42, 69.178, 4.701



55, 84.430, 5.917



77, 79.387, 103.898



38, 4.990, 346.065



34, 59.814, 4.365



3, 15.580, 354.137

Previews

White Background



This preview shows how the CIE LCh color 41, 62.574, 286.701 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 41, 62.574, 286.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

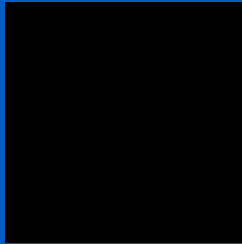
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 62.574, 286.701

Background



This preview shows how black text looks on a background with the CIELCh color 41, 62.574, 286.701.



This preview shows how white text looks on a background with the CIELCh color 41, 62.574, 286.701.

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


41, 62.567, 286.736

Protanopia

41, 62.442, 287.408

Deuteranopia

41, 45.361, 274.849



Tritanopia
41, 25.624, 206.278

Trichromacy



Original Color
41, 62.567, 286.736

Protanomaly
41, 62.494, 287.126

Deuteranomaly
41, 51.292, 279.929

Tritanomaly
40, 31.284, 253.536

Monochromacy



Original Color
41, 62.567, 286.736

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 24.748, 269.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 62.574, 286.701 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, 93, 196)` looks like.

```
.text, #text, p{  
    color:rgb(2, 93, 196)  
}
```

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, 93, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 93, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 62.574, 286.701 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, 93, 196) }
```

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

```
.border{ border-color:rgb(2, 93, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 93, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 93, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 93, 196);  
box-shadow:4px 4px 4px 4px rgb(2, 93, 196)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 62.574, 286.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 93, 196) }
```

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

```
.background{ background-color: rgb(2, 93,  
196) }
```

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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