

Converting Colors

CIELCh(41, 60.365, 286.202)

Have a look what the booklet for
CIELCh(41, 60.365, 286.202)
contains.

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Color

CIELCh(41, 60.174, 286.041)

Conversions

Conversions Part 1

Format	Color
Hex	0E5EC1
RGB	14, 94, 193
RGB Percent	5%, 37%, 76%
CMY	0.9468, 0.6327, 0.2448
CMYK	0.93, 0.51, 0.00, 0.24
HSL	213°, 87%, 40%
HSV	213°, 93%, 76%
XYZ	13.7249, 11.8645, 51.7770
YIQ	81.3660, -79.4590, 13.8290

Conversions

Conversions Part 2

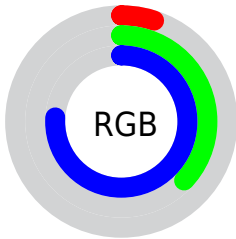
Format	Color
R_{YB}	14, 69, 193
Decimal	941761
CIE _{Lab}	41.00, 16.63, -57.83
CIE _{LCh}	41, 60.174, 286.041
Yxy	11.8645, 0.1774, 0.1534
Android (android.graphics.Color)	4279131841 (0xFF0E5EC1)
YUV	81.3660, 55.0356, -59.0800
Hunter-Lab	34.4449, 10.8463, -65.0122

Details

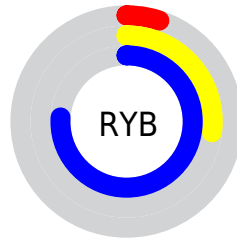
The CIELCh color **41, 60.174, 286.041** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed blue. A complement of this color would be **55, 64.964, 66.841**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 59.859, 285.836**, and **24, 58.319, 294.410** is the 20% darker color. If you saturate the color by 10%, you get **39, 65.018, 288.944**, and if you desaturate by 10%, it is **44, 53.477, 281.836**.

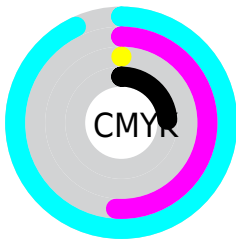
Distribution



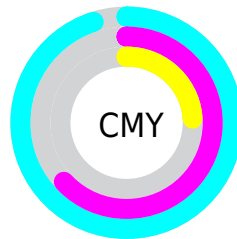
- Red (5%)
- Green (37%)
- Blue (76%)



- Red (5%)
- Yellow (27%)
- Blue (76%)



- Cyan (93%)
- Magenta (51%)
- Yellow (0%)
- Black (24%)





- Cyan (95%)
- Magenta (63%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 60.174, 286.041 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, 60.174, 286.041 by changing the saturation by 10% instead.


 41, 60.174,
286.041


 41, 60.174,
286.041


 100, 60.174,
286.041


 31, 60.174,
286.041

 61, 60.174,
286.041


 21, 60.174,
286.041

 71, 60.174,
286.041


 11, 60.174,
286.041


 81, 60.174,
286.041

 1, 60.174, 286.041

 91, 60.174,
286.041

 0, 60.174, 286.041

 41, 60.174,

 41, 60.174,

286.041

286.041

■ 39, 65.018,
288.944

■ 44, 53.477,
281.836

■ 48, 46.947,
277.885

■ 52, 40.521,
274.324

■ 56, 34.136,
271.207

■ 60, 27.746,
268.528

■ 64, 21.327,
266.250

■ 68, 14.878,
264.323

■ 72, 8.406, 262.700

Harmonies

Complementary

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



41, 60.174, 286.041



55, 64.964, 66.841

Rectangle

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



41, 60.174, 286.041



41, 60.174, 336.041



41, 60.174, 106.041



41, 60.174, 156.041

Sweetspot

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



41, 60.174, 286.043



84, 22.402, 265.340



69, 65.625, 153.292



42, 15.452, 266.216



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



41, 60.174, 286.043



50, 80.408, 289.651



25, 104.556, 305.895



39, 3.697, 262.188



32, 56.049, 288.332



4, 13.549, 273.415

Inverse Universe

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



42, 67.143, 4.101



53, 83.171, 8.071



75, 77.170, 105.904



38, 4.919, 347.353



34, 59.760, 6.503



3, 15.411, 355.449

Previews

White Background



This preview shows how the CIE LCh color 41, 60.174, 286.041 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 CIELCh color 41, 60.174, 286.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

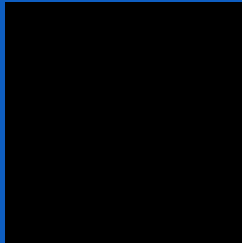
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 60.174, 286.041

Background



This preview shows how black text looks on a background with the CIELCh color 41, 60.174, 286.041.



This preview shows how white text looks on a background with the CIELCh color 41, 60.174, 286.041.

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, 60.183, 285.995

Protanopia

41, 60.049, 287.351

Deuteranopia

41, 45.361, 274.849



Tritanopia
41, 25.624, 206.278

Trichromacy



Original Color
41, 60.183, 285.995

Protanomaly
41, 60.131, 286.875

Deuteranomaly
41, 50.707, 279.762

Tritanomaly
40, 30.768, 252.911

Monochromacy



Original Color
41, 60.183, 285.995

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 23.788, 270.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 60.174, 286.041 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(14, 94, 193)` looks like.

```
.text, #text, p{  
    color:rgb(14, 94, 193)  
}
```

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(14, 94, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 94, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 60.174, 286.041 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(14, 94, 193) }
```

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

```
.border{ border-color:rgb(14, 94, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 94, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 94, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 94, 193);  
box-shadow:4px 4px 4px 4px rgb(14, 94,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 60.174, 286.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 94, 193) }
```

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

```
.background{ background-color: rgb(14, 94,  
193) }
```

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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