

Converting Colors

CIELCh(41, 23.913, 305.480)

Have a look what the booklet for
CIELCh(41, 23.913, 305.480)
contains.

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Color

CIELCh(41, 24.366, 305.758)

Conversions

Conversions Part 1

Format	Color
Hex	685A81
RGB	104, 90, 129
RGB Percent	41%, 35%, 51%
CMY	0.5918, 0.6467, 0.4937
CMYK	0.19, 0.30, 0.00, 0.49
HSL	262°, 18%, 43%
HSV	262°, 30%, 51%
XYZ	13.3533, 11.8645, 22.3900
YIQ	98.6320, -4.1750, 15.0970

Conversions

Conversions Part 2

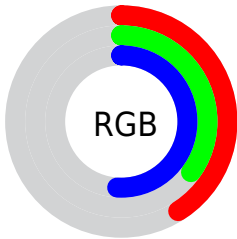
Format	Color
R_{YB}	104, 90, 129
Decimal	6838913
CIE _{Lab}	41.00, 14.24, -19.77
CIE _{LCh}	41, 24.366, 305.758
Yxy	11.8645, 0.2805, 0.2492
Android (android.graphics.Color)	4285028993 (0xFF685A81)
YUV	98.6320, 14.9714, 4.7077
Hunter-Lab	34.4449, 8.9207, -14.4284

Details

The CIELCh color $41, 24.366, 305.758$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 23.099, 122.452$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 24.465, 306.089$, and $21, 24.830, 305.813$ is the 20% darker color. If you saturate the color by 10%, you get $37, 32.892, 306.462$, and if you desaturate by 10%, it is $45, 16.050, 305.110$.

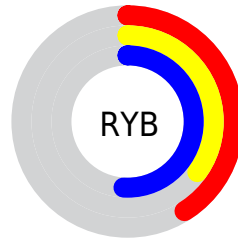
Distribution



Red (41%)

Green (35%)

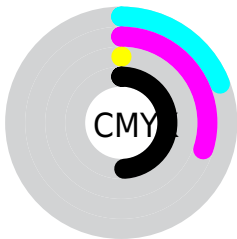
Blue (51%)



Red (41%)

Yellow (35%)

Blue (51%)

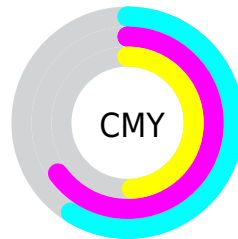


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (49%)



Cyan (59%)

Magenta (65%)

Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 24.366, 305.758 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, 24.366, 305.758 by changing the saturation by 10% instead.


 41, 24.366,
305.758

 41, 24.366,
305.758


 100, 24.366,
305.758


 31, 24.366,
305.758

 61, 24.366,
305.758


 21, 24.366,
305.758

 71, 24.366,
305.758

 11, 24.366,
305.758


 81, 24.366,
305.758

 1, 24.366, 305.758

 91, 24.366,
305.758

 0, 24.366, 305.758

 41, 24.366,

 41, 24.366,

305.758

37, 32.892,
306.462

33, 41.555,
307.204

29, 50.197,
307.949

25, 58.538,
308.634

21, 66.116,
309.159

19, 72.285,
309.389

16, 77.259,
309.485

305.758

45, 16.050,
305.110

50, 7.982, 304.523

54, 0.171, 303.715

58, 7.386, 123.559

62, 14.695,
123.155

67, 21.770,
122.805

71, 28.622,
122.501

75, 35.264,
122.238

79, 41.708,

Harmonies

Complementary

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



41, 24.366, 305.758



52, 23.099, 122.452

Rectangle

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



41, 24.366, 305.758



41, 24.366, 355.758



41, 24.366, 125.758



41, 24.366, 175.758

Sweetspot

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



41, 24.365, 305.758



64, 8.722, 304.467



47, 11.994, 241.251



32, 6.045, 304.536



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 24.365, 305.758



50, 36.406, 306.219



43, 26.672, 321.618



25, 4.352, 304.461



16, 76.556, 309.497



0, 0.000, 0.000

Inverse Universe

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



43, 21.688, 339.029



53, 32.044, 339.606



51, 26.423, 138.662



25, 3.964, 337.366



27, 53.657, 348.573



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 24.366, 305.758 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, 24.366, 305.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

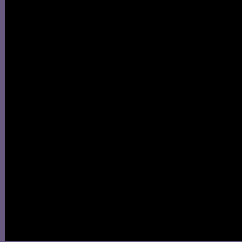
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 24.366, 305.758

Background



This preview shows how black text looks on a background with the CIELCh color 41, 24.366, 305.758.



This preview shows how white text looks on a background with the CIELCh color 41, 24.366, 305.758.

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, 24.366, 305.758

Protanopia

41, 23.170, 285.867

Deuteranopia

41, 20.089, 287.019



Tritanopia
41, 5.153, 309.377

Trichromacy



Original Color
41, 24.366, 305.758

Protanomaly
41, 23.711, 293.637

Deuteranomaly
41, 21.305, 294.271

Tritanomaly
41, 12.036, 307.078

Monochromacy



Original Color
41, 24.366, 305.758

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 8.751, 304.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 24.366, 305.758 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(104, 90, 129)` looks like.

```
.text, #text, p{  
    color:rgb(104, 90, 129)  
}
```

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(104, 90, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 90, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 24.366, 305.758 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(104, 90, 129) }
```

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

```
.border{ border-color:rgb(104, 90, 129) }
```

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

Here you see how a box with a 4 pixel rgb(104, 90, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 90, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 90, 129);  
box-shadow:4px 4px 4px 4px rgb(104, 90,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 24.366, 305.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 90, 129) }
```

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

```
.background{ background-color: rgb(104, 90,  
129) }
```

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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