

Converting Colors

CIELCh(41, 23.133, 305.373)

Have a look what the booklet for
CIELCh(41, 23.133, 305.373)
contains.

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Color

CIELCh(41, 23.081, 305.408)

Conversions

Conversions Part 1

Format	Color
Hex	685B80
RGB	104, 91, 128
RGB Percent	41%, 36%, 50%
CMY	0.5940, 0.6449, 0.4999
CMYK	0.19, 0.29, 0.00, 0.50
HSL	261°, 17%, 43%
HSV	261°, 29%, 50%
XYZ	13.2203, 11.8645, 21.8478
YIQ	99.1050, -4.1290, 14.2630

Conversions

Conversions Part 2

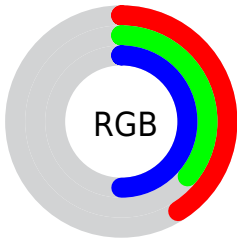
Format	Color
R_{YB}	104, 91, 128
Decimal	6839168
CIE _{Lab}	41.00, 13.37, -18.81
CIE _{LCh}	41, 23.081, 305.408
Yxy	11.8645, 0.2817, 0.2528
Android (android.graphics.Color)	4285029248 (0xFF685B80)
YUV	99.1050, 14.2452, 4.2929
Hunter-Lab	34.4449, 8.2317, -13.4951

Details

The CIELCh color $41, 23.081, 305.408$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 21.921, 122.212$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 23.269, 305.822$, and $21, 23.421, 305.349$ is the 20% darker color. If you saturate the color by 10%, you get $37, 31.497, 306.117$, and if you desaturate by 10%, it is $45, 14.883, 304.758$.

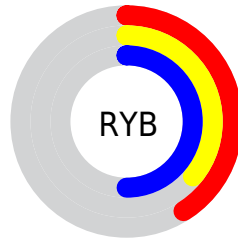
Distribution



Red (41%)

Green (36%)

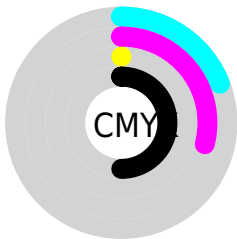
Blue (50%)



Red (41%)

Yellow (36%)

Blue (50%)

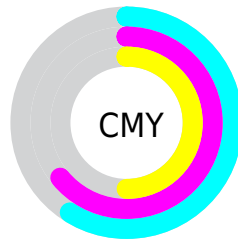


Cyan (19%)

Magenta (29%)

Yellow (0%)

Black (50%)



Cyan (59%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 23.081, 305.408 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, 23.081, 305.408 by changing the saturation by 10% instead.

■ 41, 23.081,
305.408

■ 41, 23.081,
305.408

■ 100, 23.081,
305.408

■ 31, 23.081,
305.408

■ 61, 23.081,
305.408

■ 21, 23.081,
305.408

■ 71, 23.081,
305.408

■ 11, 23.081,
305.408

■ 81, 23.081,
305.408

■ 1, 23.081, 305.408

■ 91, 23.081,
305.408

■ 0, 23.081, 305.408

■ 41, 23.081,

■ 41, 23.081,

305.408

37, 31.497,
306.117

33, 40.066,
306.870

29, 48.648,
307.635

25, 56.987,
308.353

21, 64.651,
308.928

19, 71.017,
309.229

16, 76.128,
309.338

16, 76.676,
309.371

305.408

45, 14.883,
304.758

50, 6.935, 304.172

54, 0.756, 123.725

58, 8.196, 123.212

62, 15.392,
122.811

67, 22.357,
122.463

71, 29.103,
122.162

75, 35.643,
121.902

79, 41.989,

Harmonies

Complementary

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



41, 23.081, 305.408



51, 21.921, 122.212

Rectangle

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



41, 23.081, 305.408



41, 23.081, 355.408



41, 23.081, 125.408



41, 23.081, 175.408

Sweetspot

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



41, 23.080, 305.408



63, 8.604, 304.184



47, 11.427, 241.062



32, 6.037, 304.254



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, 23.080, 305.408



50, 34.877, 305.886



43, 25.334, 321.564



25, 4.347, 304.178



16, 76.670, 309.371



0, 0.000, 0.000

Inverse Universe

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



43, 20.711, 338.560



53, 30.942, 339.139



50, 25.105, 138.742



25, 3.986, 337.019



27, 53.886, 347.970



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 23.081, 305.408 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, 23.081, 305.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

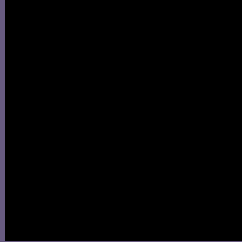
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 23.081, 305.408

Background



This preview shows how black text looks on a background with the CIELCh color 41, 23.081, 305.408.



This preview shows how white text looks on a background with the CIELCh color 41, 23.081, 305.408.

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, 23.081, 305.408

Protanopia

41, 21.980, 285.204

Deuteranopia

41, 19.463, 287.746



Tritanopia
41, 5.153, 309.377

Trichromacy



Original Color
41, 23.081, 305.408

Protanomaly
41, 22.503, 292.577

Deuteranomaly
41, 20.714, 295.221

Tritanomaly
41, 12.036, 307.078

Monochromacy



Original Color
41, 23.081, 305.408

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 8.163, 305.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 23.081, 305.408 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, 91, 128)` looks like.

```
.text, #text, p{  
    color:rgb(104, 91, 128)  
}
```

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, 91, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 91, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 23.081, 305.408 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, 91, 128) }
```

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

```
.border{ border-color:rgb(104, 91, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 91, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 91, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 91, 128);  
box-shadow:4px 4px 4px 4px rgb(104, 91,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 23.081, 305.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 91, 128) }
```

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

```
.background{ background-color: rgb(104, 91,  
128) }
```

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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