

Converting Colors

CIELCh(41, 21.336, 296.209)

Have a look what the booklet for
CIELCh(41, 21.336, 296.209)
contains.

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Color

CIELCh(41, 21.336, 296.209)

Conversions

Conversions Part 1

Format	Color
Hex	605D80
RGB	96, 93, 128
RGB Percent	38%, 36%, 50%
CMY	0.6237, 0.6354, 0.4982
CMYK	0.25, 0.27, 0.00, 0.50
HSL	245°, 16%, 43%
HSV	245°, 27%, 50%
XYZ	12.6248, 11.8645, 22.0332
YIQ	97.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

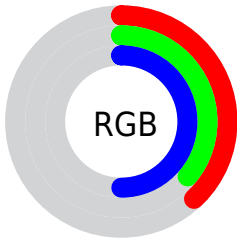
Format	Color
R_{YB}	96, 93, 128
Decimal	6315392
CIE _{Lab}	41.00, 9.42, -19.14
CIE _{LCh}	41, 21.336, 296.209
Yxy	11.8645, 0.2714, 0.2550
Android (android.graphics.Color)	4284505472 (0xFF605D80)
YUV	97.8870, 14.8457, -1.6549
Hunter-Lab	34.4449, 5.1454, -13.8142

Details

The CIELCh color $41, 21.336, 296.209$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 20.057, 111.350$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 21.515, 296.251$, and $21, 21.682, 296.872$ is the 20% darker color. If you saturate the color by 10%, you get $36, 29.721, 297.478$, and if you desaturate by 10%, it is $46, 13.271, 295.108$.

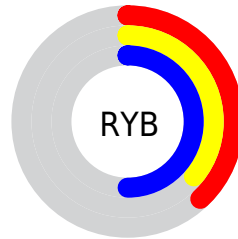
Distribution



Red (38%)

Green (36%)

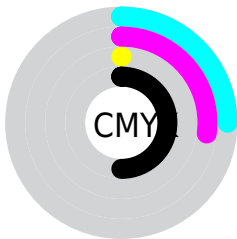
Blue (50%)



Red (38%)

Yellow (36%)

Blue (50%)

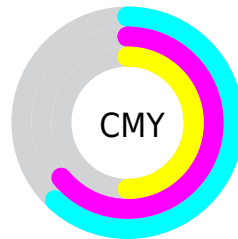


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (50%)



Cyan (62%)


Magenta (64%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.336, 296.209 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, 21.336, 296.209 by changing the saturation by 10% instead.


 41, 21.336,
296.209


 41, 21.336,
296.209


 100, 21.336,
296.209


 31, 21.336,
296.209

 61, 21.336,
296.209


 21, 21.336,
296.209

 71, 21.336,
296.209

 11, 21.336,
296.209


 81, 21.336,
296.209

 1, 21.336, 296.209

 91, 21.336,
296.209

 0, 21.336, 296.209

 41, 21.336,

 41, 21.336,

296.209

36, 29.721,
297.478

32, 38.418,
298.921

27, 47.364,
300.522

23, 56.371,
302.218

19, 65.011,
303.877

16, 72.489,
305.282

14, 78.208,
306.339

13, 79.747,
306.680

296.209

46, 13.271,
295.108

50, 5.518, 294.162

55, 1.944, 113.331

59, 9.133, 112.641

64, 16.069,
112.039

68, 22.768,
111.521

73, 29.246,
111.073

77, 35.517,
110.684

81, 41.595,

Harmonies

Complementary

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



41, 21.336, 296.209



52, 20.057, 111.350

Rectangle

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



41, 21.336, 296.209



41, 21.336, 346.209



41, 21.336, 116.209



41, 21.336, 166.209

Sweetspot

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



41, 21.335, 296.208



64, 7.433, 294.236



50, 11.871, 206.534



33, 5.336, 294.354



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, 21.335, 296.208



49, 32.217, 297.002



43, 22.581, 313.088



24, 4.232, 294.317



13, 79.537, 306.682



0, 0.000, 0.000

Inverse Universe

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



44, 23.528, 328.349



54, 34.995, 328.707



51, 21.929, 130.743



25, 4.811, 327.316



29, 64.769, 331.841



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 41, 21.336, 296.209 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, 21.336, 296.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

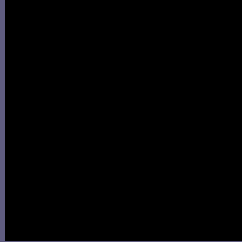
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 21.336, 296.209

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.336, 296.209.



This preview shows how white text looks on a background with the CIELCh color 41, 21.336, 296.209.

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, 21.336, 296.209

Protanopia

41, 21.348, 285.754

Deuteranopia

41, 20.089, 287.019



Tritanopia
41, 5.209, 268.413

Trichromacy



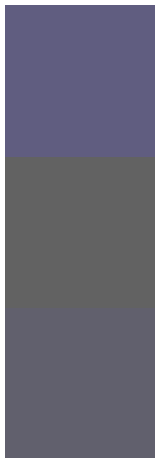
Original Color
41, 21.336, 296.209

Protanomaly
41, 21.283, 289.481

Deuteranomaly
41, 20.658, 291.221

Tritanomaly
41, 10.362, 285.304

Monochromacy



Original Color
41, 21.336, 296.209

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 7.909, 294.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.336, 296.209 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(96, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(96, 93, 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(96, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 93, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.336, 296.209 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(96, 93, 128) }
```

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

```
.border{ border-color:rgb(96, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 93, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 93, 128);  
box-shadow:4px 4px 4px 4px rgb(96, 93,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.336, 296.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 93, 128) }
```

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

```
.background{ background-color: rgb(96, 93,  
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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