

Converting Colors

CIELCh(41, 23.448, 309.328)

Have a look what the booklet for
CIELCh(41, 23.448, 309.328)
contains.

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Color

CIELCh(41, 22.882, 309.462)

Conversions

Conversions Part 1

Format	Color
Hex	6B5A7E
RGB	107, 90, 126
RGB Percent	42%, 35%, 49%
CMY	0.5816, 0.6483, 0.5072
CMYK	0.15, 0.29, 0.00, 0.51
HSL	268°, 17%, 42%
HSV	268°, 29%, 49%
XYZ	13.4003, 11.8645, 21.2124
YIQ	99.1870, -1.4240, 14.8000

Conversions

Conversions Part 2

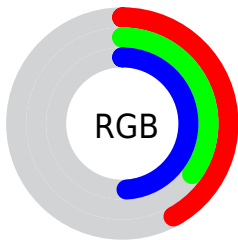
Format	Color
R_{YB}	107, 90, 126
Decimal	7035518
CIE _{Lab}	41.00, 14.54, -17.67
CIE _{LCh}	41, 22.882, 309.462
Yxy	11.8645, 0.2883, 0.2553
Android (android.graphics.Color)	4285225598 (0xFF6B5A7E)
YUV	99.1870, 13.2188, 6.8520
Hunter-Lab	34.4449, 9.1641, -12.4015

Details

The CIELCh color `41, 22.882, 309.462` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `50, 21.971, 126.795`, and the grayscale version is `42, 0.006, 296.813`.

A 20% lighter version of the original color is `61, 23.124, 309.647`, and `21, 23.111, 309.535` is the 20% darker color. If you saturate the color by 10%, you get `37, 31.221, 310.009`, and if you desaturate by 10%, it is `45, 14.695, 308.942`.

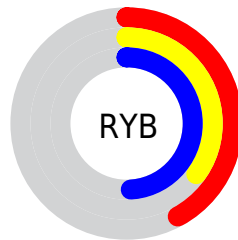
Distribution



Red (42%)

Green (35%)

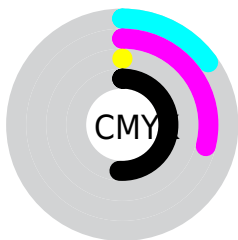
Blue (49%)



Red (42%)

Yellow (35%)

Blue (49%)

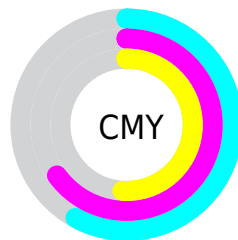


Cyan (15%)

Magenta (29%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (65%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 22.882, 309.462 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, 22.882, 309.462 by changing the saturation by 10% instead.


 41, 22.882,
309.462


 41, 22.882,
309.462


 100, 22.882,
309.462


 31, 22.882,
309.462

 61, 22.882,
309.462


 21, 22.882,
309.462

 71, 22.882,
309.462

 11, 22.882,
309.462


 81, 22.882,
309.462

 1, 22.882, 309.462

 91, 22.882,
309.462

 0, 22.882, 309.462

 41, 22.882,

 41, 22.882,

309.462

309.462

37, 31.221,
310.009

45, 14.695,
308.942

33, 39.623,
310.563

49, 6.714, 308.457

29, 47.921,
311.091

53, 1.042, 128.107

57, 8.566, 127.651

26, 55.844,
311.536

61, 15.859,
127.300

23, 62.981,
311.820

65, 22.930,
126.992

20, 68.801,
311.838

69, 29.787,
126.723

18, 73.381,
311.655

73, 36.441,
126.489

18, 74.046,
311.652

77, 42.903,

Harmonies

Complementary

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



41, 22.882, 309.462



50, 21.971, 126.795

Rectangle

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



41, 22.882, 309.462



41, 22.882, 359.462



41, 22.882, 129.462



41, 22.882, 179.462

Sweetspot

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



41, 22.881, 309.462



63, 8.677, 308.484



45, 12.014, 255.828



32, 6.009, 308.542



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 22.881, 309.462



50, 33.890, 309.797



43, 25.477, 324.979



25, 4.440, 308.479



18, 74.831, 311.636



0, 0.000, 0.000

Inverse Universe

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



42, 18.669, 344.613



52, 27.483, 345.248



49, 25.431, 141.765



25, 3.662, 342.841



27, 51.179, 358.036



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 22.882, 309.462 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, 22.882, 309.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

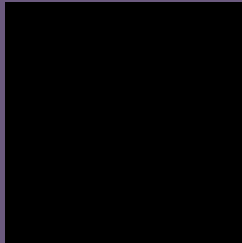
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 22.882, 309.462

Background



This preview shows how black text looks on a background with the CIELCh color 41, 22.882, 309.462.



This preview shows how white text looks on a background with the CIELCh color 41, 22.882, 309.462.

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, 22.882, 309.462

Protanopia

41, 20.755, 284.441

Deuteranopia

41, 18.239, 288.293



Tritanopia
41, 6.148, 328.058

Trichromacy



Original Color
41, 22.882, 309.462

Protanomaly
41, 20.656, 293.199

Deuteranomaly
41, 19.554, 297.354

Tritanomaly
41, 12.569, 314.206

Monochromacy



Original Color
41, 22.882, 309.462

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 8.274, 308.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 22.882, 309.462 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(107, 90, 126)` looks like.

```
.text, #text, p{  
    color:rgb(107, 90, 126)  
}
```

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(107, 90, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 90, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 22.882, 309.462 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(107, 90, 126) }
```

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

```
.border{ border-color:rgb(107, 90, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 90, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 90, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 90, 126);  
box-shadow:4px 4px 4px 4px rgb(107, 90,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 22.882, 309.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 90, 126) }
```

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

```
.background{ background-color: rgb(107, 90,  
126) }
```

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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