

Converting Colors

CIELCh(41, 21.104, 322.882)

Have a look what the booklet for
CIELCh(41, 21.104, 322.882)
contains.

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Color

CIELCh(41, 21.104, 322.882)

Conversions

Conversions Part 1

Format	Color
Hex	735876
RGB	115, 88, 118
RGB Percent	45%, 35%, 46%
CMY	0.5501, 0.6559, 0.5383
CMYK	0.03, 0.25, 0.00, 0.54
HSL	294°, 15%, 40%
HSV	294°, 25%, 46%
XYZ	13.7564, 11.8645, 18.6196
YIQ	99.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

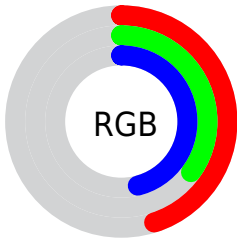
Format	Color
R_{YB}	115, 88, 118
Decimal	7559286
CIE _{Lab}	41.00, 16.83, -12.74
CIE _{LCh}	41, 21.104, 322.882
Yxy	11.8645, 0.3109, 0.2682
Android (android.graphics.Color)	4285749366 (0xFF735876)
YUV	99.4930, 9.1240, 13.5996
Hunter-Lab	34.4449, 11.0096, -7.9385

Details

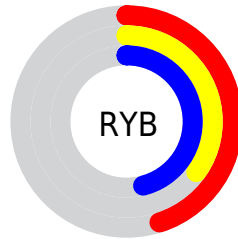
The CIELCh color $41, 21.104, 322.882$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $47, 20.991, 140.314$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 21.065, 322.787$, and $21, 21.316, 322.121$ is the 20% darker color. If you saturate the color by 10%, you get $38, 29.360, 323.330$, and if you desaturate by 10%, it is $44, 12.771, 322.415$.

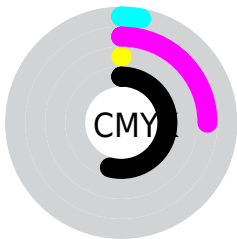
Distribution



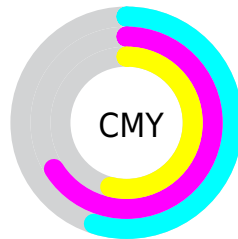
- Red (45%)
- Green (35%)
- Blue (46%)



- Red (45%)
- Yellow (35%)
- Blue (46%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (54%)




- Cyan (55%)
- Magenta (66%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.104, 322.882 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, 21.104, 322.882 by changing the saturation by 10% instead.


 41, 21.104,
322.882


 41, 21.104,
322.882


 100, 21.104,
322.882


 31, 21.104,
322.882

 61, 21.104,
322.882


 21, 21.104,
322.882

 71, 21.104,
322.882

 11, 21.104,
322.882

 81, 21.104,
322.882

 1, 21.104, 322.882

 91, 21.104,
322.882

 0, 21.104, 322.882

 41, 21.104,

 41, 21.104,

322.882

■ 38, 29.360,
323.330

■ 35, 37.368,
323.744

■ 32, 44.894,
324.105

■ 30, 51.647,
324.387

■ 28, 57.311,
324.565

■ 26, 61.599,
324.616

■ 25, 64.479,
324.537

■ 25, 65.700,
324.499

322.882

■ 44, 12.771,
322.415

■ 48, 4.487, 321.929

■ 51, 3.668, 141.551


■ 55, 11.645,
141.081

■ 58, 19.416,
140.654

■ 62, 26.968,
140.253

■ 65, 34.297,
139.878

■ 69, 41.407,
139.529

 72, 48.305,
139.205

Harmonies

Complementary

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



41, 21.104, 322.882



47, 20.991, 140.314

Rectangle

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



41, 21.104, 322.882



41, 21.104, 12.882



41, 21.104, 142.882



41, 21.104, 192.882

Sweetspot

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



41, 21.102, 322.882



60, 8.148, 322.067



39, 16.224, 288.060



30, 5.761, 322.128



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 21.102, 322.882



50, 31.834, 323.168



41, 16.664, 339.760



23, 4.614, 322.107



26, 67.560, 324.484



55, 114.599, 324.282

Inverse Universe

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



40, 13.226, 13.474



50, 20.313, 14.270



47, 16.398, 155.865



23, 2.771, 11.777



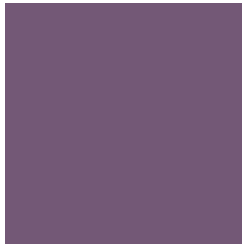
24, 56.321, 33.856



52, 98.615, 36.662

Previews

White Background



This preview shows how the CIELCh color 41, 21.104, 322.882 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, 21.104, 322.882 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, 21.104, 322.882

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.104, 322.882.



This preview shows how white text looks on a background with the CIELCh color 41, 21.104, 322.882.

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, 21.104, 322.882

Protanopia

41, 16.467, 284.931

Deuteranopia

41, 12.796, 295.512



Tritanopia
41, 9.860, 355.430

Trichromacy



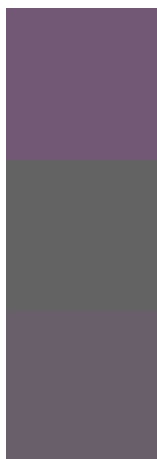
Original Color
41, 21.104, 322.882

Protanomaly
41, 17.229, 300.227

Deuteranomaly
41, 15.864, 307.973

Tritanomaly
41, 13.165, 337.699

Monochromacy



Original Color
41, 21.104, 322.882

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 7.855, 322.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.104, 322.882 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(115, 88, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 88, 118)  
}
```

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(115, 88, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 88, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.104, 322.882 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(115, 88, 118) }
```

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

```
.border{ border-color:rgb(115, 88, 118) }
```

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

Here you see how a box with a 4 pixel rgb(115, 88, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 88, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 88, 118);  
box-shadow:4px 4px 4px 4px rgb(115, 88,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.104, 322.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 88, 118) }
```

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

```
.background{ background-color: rgb(115, 88,  
118) }
```

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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