

Converting Colors

CIELCh(42, 25.795, 320.605)

Have a look what the booklet for
CIELCh(42, 25.795, 320.605)
contains.

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Color

CIELCh(42, 25.885, 320.575)

Conversions

Conversions Part 1

Format	Color
Hex	77587E
RGB	119, 88, 126
RGB Percent	47%, 35%, 49%
CMY	0.5319, 0.6535, 0.5044
CMYK	0.06, 0.30, 0.00, 0.50
HSL	289°, 18%, 42%
HSV	289°, 30%, 50%
XYZ	14.9657, 12.5000, 21.4863
YIQ	101.6010, 6.2780, 18.3900

Conversions

Conversions Part 2

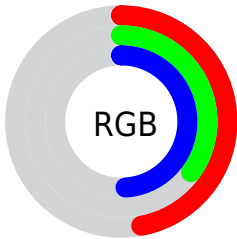
Format	Color
R_{YB}	119, 88, 126
Decimal	7821438
CIE _{Lab}	42.00, 20.00, -16.44
CIE _{LCh}	42, 25.885, 320.575
Yxy	12.5000, 0.3057, 0.2554
Android (android.graphics.Color)	4286011518 (0xFF77587E)
YUV	101.6010, 12.0287, 15.2589
Hunter-Lab	35.3553, 13.6859, -11.2833

Details

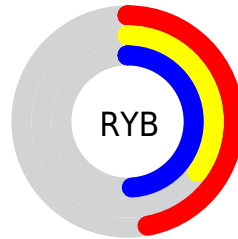
The CIELCh color $42, 25.885, 320.575$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 25.577, 137.742$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 26.228, 320.701$, and $22, 25.855, 320.597$ is the 20% darker color. If you saturate the color by 10%, you get $39, 34.458, 320.985$, and if you desaturate by 10%, it is $46, 17.213, 320.142$.

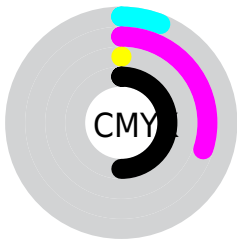
Distribution



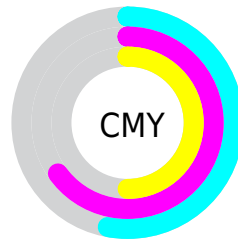
- Red (47%)
- Green (35%)
- Blue (49%)



- Red (47%)
- Yellow (35%)
- Blue (49%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (50%)





- Cyan (53%)
- Magenta (65%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 25.885, 320.575 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 42, 25.885, 320.575 by changing the saturation by 10% instead.


 42, 25.885,
320.575


 42, 25.885,
320.575


 100, 25.885,
320.575


 32, 25.885,
320.575

 62, 25.885,
320.575


 22, 25.885,
320.575

 72, 25.885,
320.575

 12, 25.885,
320.575

 82, 25.885,
320.575

 2, 25.885, 320.575

 92, 25.885,
320.575

 0, 25.885, 320.575

 42, 25.885,

 42, 25.885,

320.575

39, 34.458,
320.985

35, 42.740,
321.351

32, 50.464,
321.644

30, 57.296,
321.829

28, 62.873,
321.869

26, 66.881,
321.728

25, 69.781,
321.473

320.575

46, 17.213,
320.142

49, 8.582, 319.699

53, 0.078, 317.341

57, 8.247, 138.897

60, 16.361,
138.497

64, 24.253,
138.128

68, 31.917,
137.786

72, 39.358,
137.471

76, 46.582,

Harmonies

Complementary

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



42, 25.885, 320.575



50, 25.577, 137.742

Rectangle

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



42, 25.885, 320.575



42, 25.885, 10.575



42, 25.885, 140.575



42, 25.885, 190.575

Sweetspot

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



42, 25.883, 320.575



63, 9.435, 319.659



41, 18.568, 284.448



32, 6.529, 319.714



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



42, 25.883, 320.575



51, 38.181, 320.855



42, 22.088, 336.365



25, 4.828, 319.654



25, 70.233, 321.468



0, 0.000, 0.000

Inverse Universe

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



42, 16.940, 7.630



51, 25.331, 8.615



50, 21.857, 151.970



25, 3.036, 5.201



26, 55.260, 28.756



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 42, 25.885, 320.575 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 42, 25.885, 320.575 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 42, 25.885, 320.575

Background



This preview shows how black text looks on a background with the CIELCh color 42, 25.885, 320.575.



This preview shows how white text looks on a background with the CIELCh color 42, 25.885, 320.575.

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

42, 25.885, 320.575

Protanopia

42, 21.867, 285.081

Deuteranopia

42, 16.937, 291.388



Tritanopia
42, 10.829, 354.583

Trichromacy



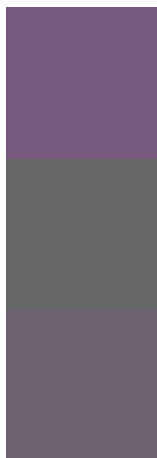
Original Color
42, 25.885, 320.575

Protanomaly
42, 22.583, 298.917

Deuteranomaly
42, 19.228, 304.137

Tritanomaly
42, 15.635, 334.501

Monochromacy



Original Color
42, 25.885, 320.575

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 9.587, 318.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 25.885, 320.575 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(119, 88, 126)` looks like.

```
.text, #text, p{  
    color:rgb(119, 88, 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(119, 88, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 88, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 25.885, 320.575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

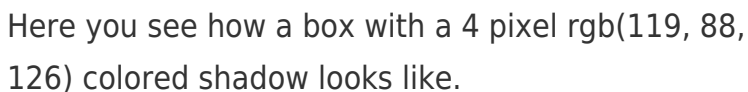
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 88, 126) }
```

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

```
.border{ border-color:rgb(119, 88, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 88, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 88, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 88, 126); box-shadow:4px 4px 4px 4px rgb(119, 88, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 25.885, 320.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 88, 126) }
```

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

```
.background{ background-color: rgb(119, 88,  
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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