

Converting Colors

CIELCh(42, 20.783, 326.247)

Have a look what the booklet for
CIELCh(42, 20.783, 326.247)
contains.

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Color

CIELCh(42, 20.459, 326.659)

Conversions

Conversions Part 1

Format	Color
Hex	775A76
RGB	119, 90, 118
RGB Percent	47%, 35%, 46%
CMY	0.5340, 0.6477, 0.5379
CMYK	0.00, 0.24, 0.01, 0.53
HSL	302°, 14%, 41%
HSV	302°, 24%, 47%
XYZ	14.4880, 12.5000, 18.7373
YIQ	101.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

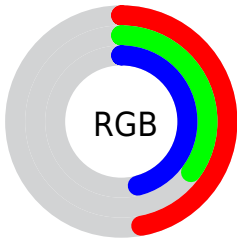
Format	Color
R_{YB}	119, 90, 118
Decimal	7821942
CIE _{Lab}	42.00, 17.09, -11.24
CIE _{LCh}	42, 20.459, 326.659
Yxy	12.5000, 0.3168, 0.2734
Android (android.graphics.Color)	4286012022 (0xFF775A76)
YUV	101.8630, 7.9555, 15.0291
Hunter-Lab	35.3553, 11.2746, -6.6733

Details

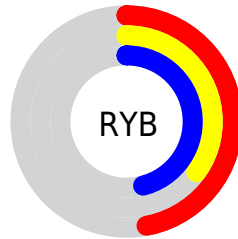
The CIELCh color $[42, 20.459, 326.659]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[47, 20.443, 143.827]$, and the grayscale version is $[43, 0.006, 296.813]$.

A 20% lighter version of the original color is $[62, 20.701, 327.191]$, and $[22, 20.510, 326.220]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 28.753, 327.183]$, and if you desaturate by 10%, it is $[45, 12.046, 326.122]$.

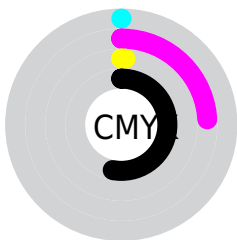
Distribution



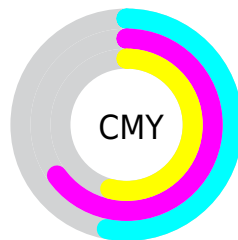
- Red (47%)
- Green (35%)
- Blue (46%)



- Red (47%)
- Yellow (35%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (53%)





- Cyan (53%)
- Magenta (65%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 20.459, 326.659 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, 20.459, 326.659 by changing the saturation by 10% instead.


 42, 20.459,
326.659


 42, 20.459,
326.659


 100, 20.459,
326.659


 32, 20.459,
326.659

 62, 20.459,
326.659


 22, 20.459,
326.659

 72, 20.459,
326.659

 12, 20.459,
326.659

 82, 20.459,
326.659

 2, 20.459, 326.659

 92, 20.459,
326.659

 0, 20.459, 326.659

 42, 20.459,

 42, 20.459,

326.659

39, 28.753,
327.183

36, 36.740,
327.684

34, 44.172,
328.150

31, 50.755,
328.570

30, 56.189,
328.933

28, 60.220,
329.232

28, 62.788,
329.471

27, 64.038,
329.595

326.659

45, 12.046,
326.122

48, 3.659, 325.556

52, 4.610, 145.122

55, 12.702,
144.589

59, 20.581,
144.093

62, 28.231,
143.623

66, 35.647,
143.177

69, 42.832,
142.757

■ 73, 49.794,
142.362

Harmonies

Complementary

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



42, 20.459, 326.659



47, 20.443, 143.827

Rectangle

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



42, 20.459, 326.659



42, 20.459, 16.659



42, 20.459, 146.659



42, 20.459, 196.659

Sweetspot

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



42, 20.457, 326.659



61, 7.276, 325.723



39, 17.773, 294.029



32, 4.765, 325.747



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



42, 20.457, 326.659



53, 30.289, 326.941



42, 14.596, 347.633



23, 4.647, 325.827



28, 65.403, 329.599



59, 110.724, 329.678

Inverse Universe

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



42, 20.457, 326.659



53, 30.289, 326.941



47, 14.108, 163.372



23, 4.647, 325.827



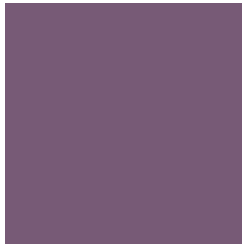
28, 65.403, 329.599



59, 110.724, 329.678

Previews

White Background



This preview shows how the CIELCh color 42, 20.459, 326.659 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, 20.459, 326.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

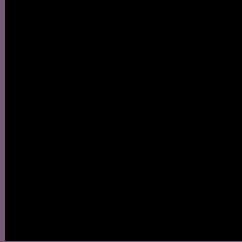
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 20.459, 326.659

Background



This preview shows how black text looks on a background with the CIELCh color 42, 20.459, 326.659.



This preview shows how white text looks on a background with the CIELCh color 42, 20.459, 326.659.

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, 20.459, 326.659

Protanopia

42, 15.778, 285.763

Deuteranopia

42, 11.631, 299.537



Tritanopia
42, 10.606, 357.544

Trichromacy



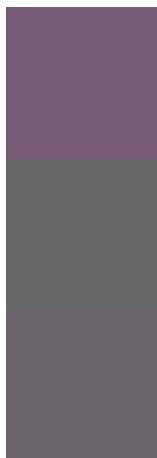
Original Color
42, 20.459, 326.659

Protanomaly
42, 16.628, 301.729

Deuteranomaly
42, 14.901, 312.131

Tritanomaly
42, 13.364, 342.218

Monochromacy



Original Color
42, 20.459, 326.659

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 7.313, 324.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 20.459, 326.659 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, 90, 118)` looks like.

```
.text, #text, p{  
    color:rgb(119, 90, 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(119, 90, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 90, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 20.459, 326.659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

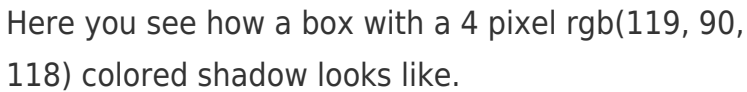
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 90, 118) }
```

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

```
.border{ border-color:rgb(119, 90, 118) }
```

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



Here you see how a box with a 4 pixel rgb(119, 90, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 90, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 90, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 90,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 20.459, 326.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 90, 118) }
```

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

```
.background{ background-color: rgb(119, 90,  
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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