

Converting Colors

CIELCh(42, 17.954, 327.227)

Have a look what the booklet for
CIELCh(42, 17.954, 327.227)
contains.

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Color

CIELCh(42, 17.873, 327.783)

Conversions

Conversions Part 1

Format	Color
Hex	755B73
RGB	117, 91, 115
RGB Percent	46%, 36%, 45%
CMY	0.5412, 0.6432, 0.5490
CMYK	0.00, 0.22, 0.02, 0.54
HSL	305°, 12%, 41%
HSV	305°, 22%, 46%
XYZ	14.1697, 12.5000, 17.8835
YIQ	101.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

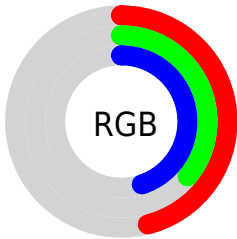
Format	Color
R_{YB}	117, 91, 115
Decimal	7691123
CIE Lab	42.00, 15.12, -9.53
CIE LCh	42, 17.873, 327.783
Yxy	12.5000, 0.3180, 0.2806
Android (android.graphics.Color)	4285881203 (0xFF755B73)
YUV	101.5100, 6.6506, 13.5847
Hunter-Lab	35.3553, 9.6675, -5.2414

Details

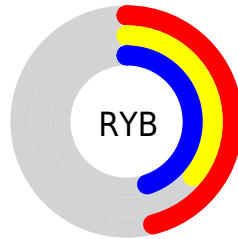
The CIELCh color $[42, 17.873, 327.783]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[47, 17.849, 145.183]$, and the grayscale version is $[43, 0.006, 296.813]$.

A 20% lighter version of the original color is $[62, 18.051, 327.337]$, and $[22, 17.739, 327.287]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 25.872, 328.333]$, and if you desaturate by 10%, it is $[45, 9.798, 327.227]$.

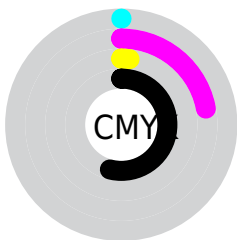
Distribution



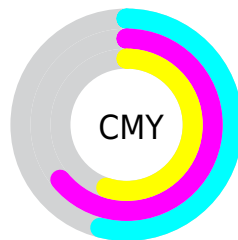
- Red (46%)
- Green (36%)
- Blue (45%)



- Red (46%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (2%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 17.873, 327.783 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, 17.873, 327.783 by changing the saturation by 10% instead.


 42, 17.873,
327.783


 42, 17.873,
327.783

 100, 17.873,
327.783


 32, 17.873,
327.783

 62, 17.873,
327.783


 22, 17.873,
327.783

 72, 17.873,
327.783

 12, 17.873,
327.783


 82, 17.873,
327.783

 2, 17.873, 327.783

 92, 17.873,
327.783

 0, 17.873, 327.783

 42, 17.873,

 42, 17.873,

327.783

327.783

39, 25.872,
328.333

45, 9.798, 327.227

36, 33.626,
328.871

48, 1.773, 326.599

52, 6.122, 146.206

34, 40.906,
329.389

55, 13.837,
145.677

31, 47.434,
329.878

59, 21.345,
145.180

29, 52.908,
330.332

62, 28.633,
144.709

28, 57.058,
330.747

66, 35.700,
144.263

27, 59.720,
331.128

69, 42.550,
143.842

26, 61.332,
331.410

73, 49.192,

Harmonies

Complementary

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



42, 17.873, 327.783



47, 17.849, 145.183

Rectangle

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



42, 17.873, 327.783



42, 17.873, 17.783



42, 17.873, 147.783



42, 17.873, 197.783

Sweetspot

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



42, 17.871, 327.783



60, 6.971, 326.939



40, 15.927, 294.931



31, 4.504, 326.962



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



42, 17.871, 327.783



52, 27.046, 328.085



42, 12.845, 349.393



23, 4.514, 327.047



28, 63.331, 331.426



58, 107.025, 331.619

Inverse Universe

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



42, 17.871, 327.783



52, 27.046, 328.085



47, 12.391, 165.473



23, 4.514, 327.047



28, 63.331, 331.426



58, 107.025, 331.619

Previews

White Background



This preview shows how the CIELCh color 42, 17.873, 327.783 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, 17.873, 327.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

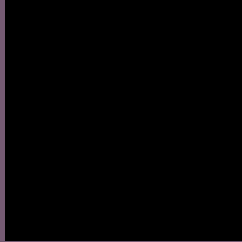
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 17.873, 327.783

Background



This preview shows how black text looks on a background with the CIELCh color 42, 17.873, 327.783.



This preview shows how white text looks on a background with the CIELCh color 42, 17.873, 327.783.

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, 17.873, 327.783

Protanopia

42, 13.325, 287.254

Deuteranopia

42, 10.506, 302.455



Tritanopia
42, 9.807, 355.383

Trichromacy



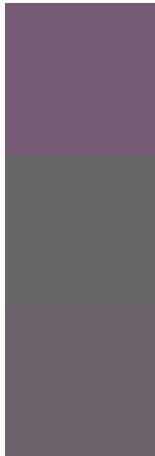
Original Color
42, 17.873, 327.783

Protanomaly
42, 14.334, 304.661

Deuteranomaly
42, 12.504, 314.189

Tritanomaly
42, 12.344, 341.817

Monochromacy



Original Color
42, 17.873, 327.783

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.590, 324.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 17.873, 327.783 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(117, 91, 115)` looks like.

```
.text, #text, p{  
    color:rgb(117, 91, 115)  
}
```

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(117, 91, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 91, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 17.873, 327.783 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(117, 91, 115) }
```

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

```
.border{ border-color:rgb(117, 91, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 91, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 91, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 91, 115); box-shadow:4px 4px 4px 4px rgb(117, 91, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 17.873, 327.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 91, 115) }
```

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

```
.background{ background-color: rgb(117, 91,  
115) }
```

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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