

Converting Colors

CIELCh(47, 20.536, 327.782)

Have a look what the booklet for
CIELCh(47, 20.536, 327.782)
contains.

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Color

CIELCh(47, 20.324, 327.519)

Conversions

Conversions Part 1

Format	Color
Hex	846682
RGB	132, 102, 130
RGB Percent	52%, 40%, 51%
CMY	0.4824, 0.6000, 0.4902
CMYK	0.00, 0.23, 0.02, 0.48
HSL	304°, 13%, 46%
HSV	304°, 23%, 52%
XYZ	18.2959, 16.0195, 23.2464
YIQ	114.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

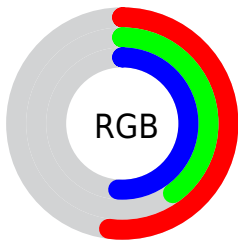
Format	Color
R_{YB}	132, 102, 130
Decimal	8676994
CIE _{Lab}	47.00, 17.14, -10.91
CIE _{LCh}	47, 20.324, 327.519
Yxy	16.0195, 0.3178, 0.2783
Android (android.graphics.Color)	4286867074 (0xFF846682)
YUV	114.1620, 7.8081, 15.6439
Hunter-Lab	40.0243, 11.5531, -6.4191

Details

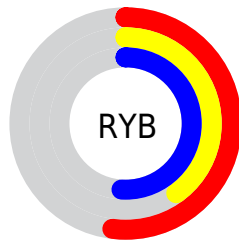
The CIELCh color $47, 20.324, 327.519$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 20.300, 144.831$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 20.417, 327.122$, and $27, 20.265, 327.104$ is the 20% darker color. If you saturate the color by 10%, you get $44, 29.201, 328.069$, and if you desaturate by 10%, it is $51, 11.347, 326.961$.

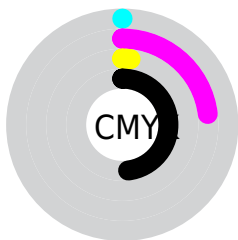
Distribution



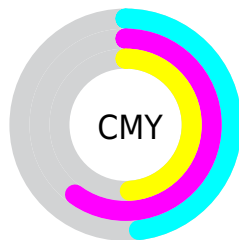
- Red (52%)
- Green (40%)
- Blue (51%)



- Red (52%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (48%)





- Cyan (48%)
- Magenta (60%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 20.324, 327.519 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 47, 20.324, 327.519 by changing the saturation by 10% instead.


 47, 20.324,
327.519


 47, 20.324,
327.519


 100, 20.324,
327.519


 37, 20.324,
327.519

 67, 20.324,
327.519


 27, 20.324,
327.519

 77, 20.324,
327.519

 17, 20.324,
327.519

 87, 20.324,
327.519

 7, 20.324, 327.519

 97, 20.324,
327.519

 0, 20.324, 327.519

 47, 20.324,

 47, 20.324,

327.519

327.519

44, 29.201,
328.069

51, 11.347,
326.961

41, 37.780,
328.604

54, 2.419, 326.350

38, 45.796,
329.114

58, 6.368, 145.931

35, 52.928,
329.589

62, 14.955,
145.396

33, 58.837,
330.022

65, 23.309,
144.895

32, 63.228,
330.410

69, 31.416,
144.420

31, 65.941,
330.756

73, 39.273,
143.970

30, 67.368,
330.992

77, 46.885,
143.546

■ 81, 54.262,
143.147

Harmonies

Complementary

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



47, 20.324, 327.519



52, 20.300, 144.831

Rectangle

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



47, 20.324, 327.519



47, 20.324, 17.519



47, 20.324, 147.519



47, 20.324, 197.519

Sweetspot

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



47, 20.322, 327.519



67, 7.683, 326.642



44, 18.011, 295.020



35, 5.032, 326.669



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 20.322, 327.519



58, 29.801, 327.789



47, 14.514, 349.474



26, 5.038, 326.757



30, 66.652, 330.988



0, 1.200, 326.282

Inverse Universe

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



47, 20.322, 327.519



58, 29.801, 327.789



53, 13.984, 165.396



26, 5.038, 326.757



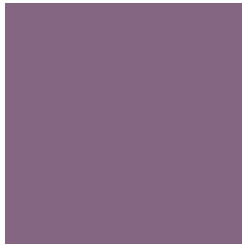
30, 66.652, 330.988



0, 1.200, 326.282

Previews

White Background



This preview shows how the CIELCh color 47, 20.324, 327.519 looks on a white background.

Color Contrast Check

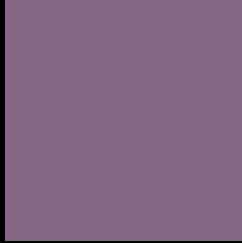
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 20.324, 327.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

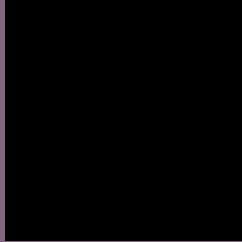
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 20.324, 327.519

Background



This preview shows how black text looks on a background with the CIELCh color 47, 20.324, 327.519.



This preview shows how white text looks on a background with the CIELCh color 47, 20.324, 327.519.

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


47, 20.324, 327.519

Protanopia

47, 14.859, 285.074

Deuteranopia

47, 12.044, 300.915



Tritanopia
47, 11.370, 356.422

Trichromacy



Original Color
47, 20.324, 327.519

Protanomaly
47, 15.691, 301.892

Deuteranomaly
47, 14.896, 314.917

Tritanomaly
47, 14.097, 342.401

Monochromacy



Original Color
47, 20.324, 327.519

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 7.408, 327.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 20.324, 327.519 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(132, 102, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 102, 130)  
}
```

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(132, 102, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 102, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 20.324, 327.519 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(132, 102, 130) }
```

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

```
.border{ border-color:rgb(132, 102, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 102, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 102, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 102, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 102,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 20.324, 327.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 102, 130) }
```

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

```
.background{ background-color: rgb(132,  
102, 130) }
```

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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