

Converting Colors

CIELCh(43, 20.128, 327.889)

Have a look what the booklet for
CIELCh(43, 20.128, 327.889)
contains.

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Color

CIELCh(43, 20.149, 328.632)

Conversions

Conversions Part 1

Format	Color
Hex	7A5C77
RGB	122, 92, 119
RGB Percent	48%, 36%, 47%
CMY	0.5211, 0.6387, 0.5328
CMYK	0.00, 0.25, 0.02, 0.52
HSL	306°, 14%, 42%
HSV	306°, 25%, 48%
XYZ	15.2197, 13.1578, 19.2306
YIQ	104.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

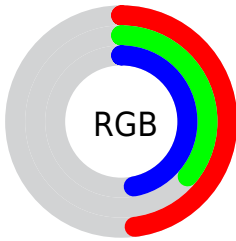
Format	Color
R_{YB}	122, 92, 119
Decimal	8019063
CIE _{Lab}	43.00, 17.20, -10.49
CIE _{LCh}	43, 20.149, 328.632
Yxy	13.1578, 0.3197, 0.2764
Android (android.graphics.Color)	4286209143 (0xFF7A5C77)
YUV	104.0480, 7.3713, 15.7439
Hunter-Lab	36.2736, 11.4164, -6.0412

Details

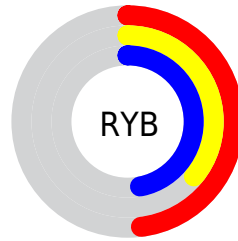
The CIELCh color $43, 20.149, 328.632$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 20.117, 145.670$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 20.438, 329.010$, and $23, 20.122, 328.382$ is the 20% darker color. If you saturate the color by 10%, you get $40, 28.265, 329.198$, and if you desaturate by 10%, it is $46, 11.919, 328.063$.

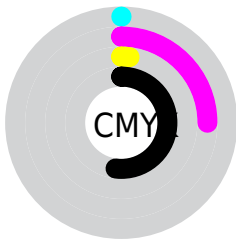
Distribution



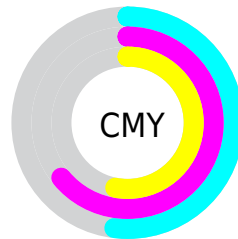
- Red (48%)
- Green (36%)
- Blue (47%)



- Red (48%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (52%)





- Cyan (52%)
- Magenta (64%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 20.149, 328.632 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 43, 20.149, 328.632 by changing the saturation by 10% instead.


 43, 20.149,
328.632


 43, 20.149,
328.632


 100, 20.149,
328.632


 33, 20.149,
328.632

 63, 20.149,
328.632


 23, 20.149,
328.632

 73, 20.149,
328.632

 13, 20.149,
328.632

 83, 20.149,
328.632

 3, 20.149, 328.632

 93, 20.149,
328.632

 0, 20.149, 328.632

 43, 20.149,

 43, 20.149,

328.632

40, 28.265,
329.198

37, 36.079,
329.756

34, 43.338,
330.298

32, 49.744,
330.818

30, 54.981,
331.314

29, 58.783,
331.788

28, 61.079,
332.248

27, 62.134,
332.492

328.632

46, 11.919,
328.063

50, 3.717, 327.472

53, 4.367, 147.028


57, 12.276,
146.475

60, 19.977,
145.966

64, 27.456,
145.483

68, 34.708,
145.026

71, 41.739,
144.594

 75, 48.556,
144.186

Harmonies

Complementary

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



43, 20.149, 328.632



48, 20.117, 145.670

Rectangle

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



43, 20.149, 328.632



43, 20.149, 18.632



43, 20.149, 148.632



43, 20.149, 198.632

Sweetspot

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



43, 20.147, 328.632



62, 7.047, 327.634



40, 18.351, 296.370



32, 4.555, 327.659



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 20.147, 328.632



53, 29.355, 328.923



42, 14.474, 351.724



24, 4.603, 327.747



28, 63.151, 332.503



58, 105.873, 332.759

Inverse Universe

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



43, 20.147, 328.632



53, 29.355, 328.923



49, 13.821, 167.204



24, 4.603, 327.747



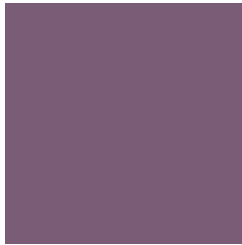
28, 63.151, 332.503



58, 105.873, 332.759

Previews

White Background



This preview shows how the CIELCh color 43, 20.149, 328.632 looks on a white background.

Color Contrast Check

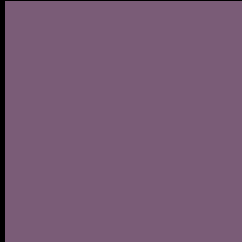
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 20.149, 328.632 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 43, 20.149, 328.632

Background



This preview shows how black text looks on a background with the CIELCh color 43, 20.149, 328.632.



This preview shows how white text looks on a background with the CIELCh color 43, 20.149, 328.632.

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


43, 20.149, 328.632

Protanopia

43, 14.509, 284.903

Deuteranopia

43, 11.652, 301.422



Tritanopia
43, 11.562, 356.584

Trichromacy



Original Color
43, 20.149, 328.632

Protanomaly
43, 15.432, 303.741

Deuteranomaly
43, 13.864, 315.377

Tritanomaly
43, 14.314, 342.537

Monochromacy



Original Color
43, 20.149, 328.632

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 7.526, 327.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 20.149, 328.632 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(122, 92, 119)` looks like.

```
.text, #text, p{  
    color:rgb(122, 92, 119)  
}
```

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(122, 92, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 92, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 20.149, 328.632 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(122, 92, 119) }
```

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

```
.border{ border-color:rgb(122, 92, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 92, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 92, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 92, 119);  
box-shadow:4px 4px 4px 4px rgb(122, 92,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 20.149, 328.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 92, 119) }
```

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

```
.background{ background-color: rgb(122, 92,  
119) }
```

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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