

Converting Colors

CIELCh(44, 20.671, 318.307)

Have a look what the booklet for
CIELCh(44, 20.671, 318.307)
contains.

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Color

CIELCh(44, 20.673, 318.051)

Conversions

Conversions Part 1

Format	Color
Hex	77607F
RGB	119, 96, 127
RGB Percent	47%, 38%, 50%
CMY	0.5331, 0.6233, 0.5017
CMYK	0.06, 0.24, 0.00, 0.50
HSL	285°, 14%, 44%
HSV	285°, 24%, 50%
XYZ	15.6409, 13.8382, 21.9484
YIQ	106.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

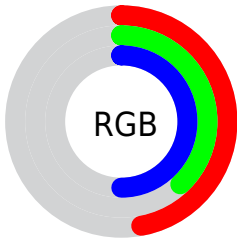
Format	Color
R_{YB}	119, 96, 127
Decimal	7823487
CIE _{Lab}	44.00, 15.38, -13.82
CIE _{LCh}	44, 20.673, 318.051
Yxy	13.8382, 0.3041, 0.2691
Android (android.graphics.Color)	4286013567 (0xFF77607F)
YUV	106.4110, 10.1504, 11.0406
Hunter-Lab	37.1997, 9.9520, -8.9422

Details

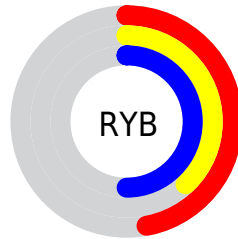
The CIELCh color $44, 20.673, 318.051$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 20.370, 135.929$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 20.492, 317.357$, and $24, 21.079, 317.933$ is the 20% darker color. If you saturate the color by 10%, you get $40, 29.269, 318.467$, and if you desaturate by 10%, it is $48, 12.107, 317.625$.

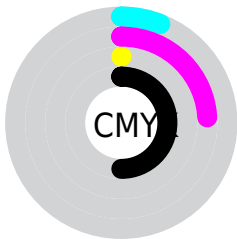
Distribution



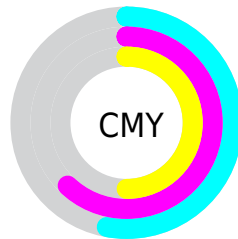
- Red (47%)
- Green (38%)
- Blue (50%)



- Red (47%)
- Yellow (38%)
- Blue (50%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (50%)





- Cyan (53%)
- Magenta (62%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 20.673, 318.051 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 44, 20.673, 318.051 by changing the saturation by 10% instead.


 44, 20.673,
318.051


 44, 20.673,
318.051


 100, 20.673,
318.051


 34, 20.673,
318.051

 64, 20.673,
318.051


 24, 20.673,
318.051

 74, 20.673,
318.051

 14, 20.673,
318.051

 84, 20.673,
318.051

 4, 20.673, 318.051

 94, 20.673,
318.051

 0, 20.673, 318.051

 44, 20.673,

 44, 20.673,

318.051

40, 29.269,
318.467

37, 37.758,
318.857

34, 45.932,
319.193

31, 53.503,
319.438

28, 60.110,
319.548

26, 65.363,
319.470

24, 68.997,
319.169

23, 70.829,
318.989

318.051

48, 12.107,
317.625

52, 3.665, 317.187

55, 4.600, 136.858

59, 12.660,
136.466

63, 20.500,
136.115

67, 28.117,
135.793

71, 35.515,
135.500

75, 42.700,
135.233

■ 79, 49.680,
134.992

Harmonies

Complementary

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



44, 20.673, 318.051



51, 20.370, 135.929

Rectangle

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



44, 20.673, 318.051



44, 20.673, 8.051



44, 20.673, 138.051



44, 20.673, 188.051

Sweetspot

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



44, 20.672, 318.051



65, 7.267, 317.314



44, 13.862, 279.390



34, 4.761, 317.334



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 20.672, 318.051



54, 30.619, 318.273



45, 18.843, 333.255



25, 4.730, 317.398



24, 71.003, 318.986



0, 0.000, 0.000

Inverse Universe

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



44, 13.922, 1.397



55, 20.757, 2.077



50, 18.738, 150.001



25, 3.125, 359.693



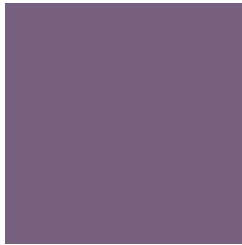
26, 52.960, 22.821



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 20.673, 318.051 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 44, 20.673, 318.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

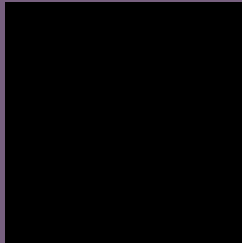
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 20.673, 318.051

Background



This preview shows how black text looks on a background with the CIELCh color 44, 20.673, 318.051.



This preview shows how white text looks on a background with the CIELCh color 44, 20.673, 318.051.

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


44, 20.673, 318.051

Protanopia

44, 17.453, 285.478

Deuteranopia

44, 14.413, 293.701



Tritanopia
44, 7.860, 348.308

Trichromacy



Original Color
44, 20.673, 318.051

Protanomaly
44, 18.162, 298.564

Deuteranomaly
44, 16.043, 304.683

Tritanomaly
44, 11.604, 330.266

Monochromacy



Original Color
44, 20.673, 318.051

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 8.086, 317.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 20.673, 318.051 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, 96, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 96, 127)  
}
```

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, 96, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 96, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 20.673, 318.051 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, 96, 127) }
```

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

```
.border{ border-color:rgb(119, 96, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 96, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 96, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 96, 127);  
box-shadow:4px 4px 4px 4px rgb(119, 96,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 20.673, 318.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 96, 127) }
```

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

```
.background{ background-color: rgb(119, 96,  
127) }
```

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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