

Converting Colors

CIELCh(47, 23.852, 314.194)

Have a look what the booklet for
CIELCh(47, 23.852, 314.194)
contains.

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Color

CIELCh(47, 23.650, 314.307)

Conversions

Conversions Part 1

Format	Color
Hex	7E678C
RGB	126, 103, 140
RGB Percent	49%, 40%, 55%
CMY	0.5060, 0.5962, 0.4511
CMYK	0.10, 0.26, 0.00, 0.45
HSL	277°, 15%, 48%
HSV	277°, 26%, 55%
XYZ	18.1773, 16.0195, 26.9319
YIQ	114.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

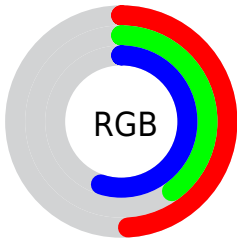
Format	Color
R _Y B	126, 103, 140
Decimal	8284044
CIE Lab	47.00, 16.52, -16.92
CIE LCh	47, 23.650, 314.307
Yxy	16.0195, 0.2974, 0.2621
Android (android.graphics.Color)	4286474124 (0xFF7E678C)
YUV	114.0950, 12.7712, 10.4407
Hunter-Lab	40.0243, 11.0242, -11.8785

Details

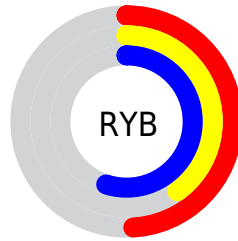
The CIELCh color $47, 23.650, 314.307$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56, 23.056, 132.046$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 23.974, 314.185$, and $27, 23.539, 313.654$ is the 20% darker color. If you saturate the color by 10%, you get $43, 32.831, 314.749$, and if you desaturate by 10%, it is $51, 14.556, 313.867$.

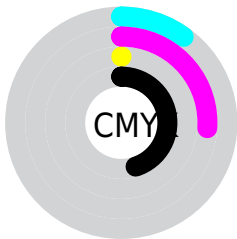
Distribution



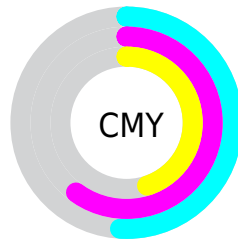
- Red (49%)
- Green (40%)
- Blue (55%)



- Red (49%)
- Yellow (40%)
- Blue (55%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (45%)




- Cyan (51%)
- Magenta (60%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 23.650, 314.307 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, 23.650, 314.307 by changing the saturation by 10% instead.


 47, 23.650,
314.307


 47, 23.650,
314.307


 100, 23.650,
314.307


 37, 23.650,
314.307

 67, 23.650,
314.307


 27, 23.650,
314.307

 77, 23.650,
314.307

 17, 23.650,
314.307

 87, 23.650,
314.307

 7, 23.650, 314.307

 97, 23.650,
314.307

 0, 23.650, 314.307

 47, 23.650,

 47, 23.650,

314.307

43, 32.831,
314.749

39, 41.969,
315.171

35, 50.849,
315.542

32, 59.154,
315.813

29, 66.458,
315.921

26, 72.265,
315.791

24, 76.314,
315.385

23, 77.689,
315.250

314.307

51, 14.556,
313.867

55, 5.634, 313.435

60, 3.073, 133.103

64, 11.545,
132.713

68, 19.774,
132.379

73, 27.763,
132.080

77, 35.517,
131.813

81, 43.046,
131.576

■ 85, 50.362,
131.366

Harmonies

Complementary

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



47, 23.650, 314.307



56, 23.056, 132.046

Rectangle

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



47, 23.650, 314.307



47, 23.650, 4.307



47, 23.650, 134.307



47, 23.650, 184.307

Sweetspot

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



47, 23.649, 314.307



69, 8.662, 313.511



49, 14.181, 270.821



36, 6.214, 313.570



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



47, 23.649, 314.307



57, 35.496, 314.583



48, 23.960, 329.288



27, 4.892, 313.553



22, 74.673, 315.303



0, 2.248, 313.197

Inverse Universe

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



48, 17.259, 353.366



58, 25.928, 354.140



55, 23.919, 145.988



27, 3.549, 351.516



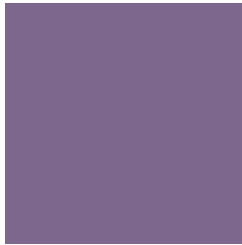
27, 52.234, 12.136



0, 1.623, 350.758

Previews

White Background



This preview shows how the CIELCh color 47, 23.650, 314.307 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, 23.650, 314.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

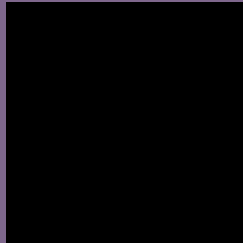
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 23.650, 314.307

Background



This preview shows how black text looks on a background with the CIELCh color 47, 23.650, 314.307.



This preview shows how white text looks on a background with the CIELCh color 47, 23.650, 314.307.

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, 23.650, 314.307

Protanopia

47, 20.828, 285.225

Deuteranopia

47, 17.783, 292.555



Tritanopia
47, 8.124, 339.497

Trichromacy



Original Color
47, 23.650, 314.307

Protanomaly
47, 21.451, 296.863

Deuteranomaly
47, 19.272, 301.496

Tritanomaly
47, 13.159, 322.257

Monochromacy



Original Color
47, 23.650, 314.307

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 8.353, 313.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 23.650, 314.307 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(126, 103, 140)` looks like.

```
.text, #text, p{  
    color:rgb(126, 103, 140)  
}
```

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(126, 103, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 103, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 23.650, 314.307 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(126, 103, 140) }
```

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

```
.border{ border-color:rgb(126, 103, 140) }
```

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

Here you see how a box with a 4 pixel rgb(126, 103, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 103, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 103, 140);  
box-shadow:4px 4px 4px 4px rgb(126, 103,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 23.650, 314.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 103, 140) }
```

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

```
.background{ background-color: rgb(126,  
103, 140) }
```

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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