

Converting Colors

CIELCh(47, 30.000, 330.230)

Have a look what the booklet for
CIELCh(47, 30.000, 330.230)
contains.

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Color

CIELCh(47, 30.032, 330.032)

Conversions

Conversions Part 1

Format	Color
Hex	8F6089
RGB	143, 96, 137
RGB Percent	56%, 38%, 54%
CMY	0.4391, 0.6234, 0.4626
CMYK	0.00, 0.33, 0.04, 0.44
HSL	308°, 20%, 47%
HSV	308°, 33%, 56%
XYZ	20.0350, 16.0195, 25.7134
YIQ	114.7270, 14.8510, 22.7150

Conversions

Conversions Part 2

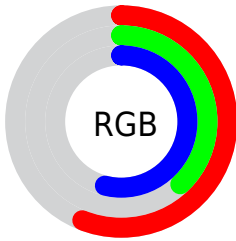
Format	Color
R _{YB}	143, 96, 137
Decimal	9396361
CIE Lab	47.00, 26.02, -15.00
CIE LCh	47, 30.032, 330.032
Yxy	16.0195, 0.3244, 0.2593
Android (android.graphics.Color)	4287586441 (0xFF8F6089)
YUV	114.7270, 10.9806, 24.7954
Hunter-Lab	40.0243, 19.3094, -10.0735

Details

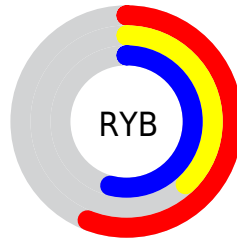
The CIELCh color $47, 30.032, 330.032$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 29.989, 145.754$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 29.920, 330.033$, and $27, 30.305, 330.305$ is the 20% darker color. If you saturate the color by 10%, you get $44, 38.815, 330.627$, and if you desaturate by 10%, it is $51, 20.934, 329.437$.

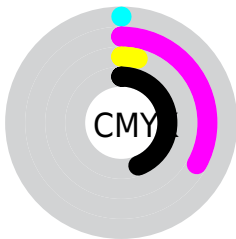
Distribution



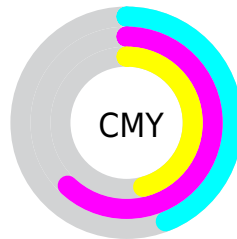
- Red (56%)
- Green (38%)
- Blue (54%)



- Red (56%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (4%)
- Black (44%)





- Cyan (44%)
- Magenta (62%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 30.032, 330.032 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, 30.032, 330.032 by changing the saturation by 10% instead.


 47, 30.032,
330.032


 47, 30.032,
330.032


 100, 30.032,
330.032


 37, 30.032,
330.032

 67, 30.032,
330.032


 27, 30.032,
330.032

 77, 30.032,
330.032

 17, 30.032,
330.032

 87, 30.032,
330.032

 7, 30.032, 330.032

 97, 30.032,
330.032

 0, 30.032, 330.032

 47, 30.032,

 47, 30.032,

330.032

44, 38.815,
330.627

41, 47.004,
331.215

38, 54.252,
331.794

36, 60.188,
332.365

34, 64.489,
332.933

33, 66.979,
333.513

33, 68.120,
333.932

330.032

51, 20.934,
329.437

54, 11.740,
328.844

58, 2.597, 328.203

62, 6.396, 147.770

66, 15.181,
147.214

70, 23.725,
146.697

75, 32.016,
146.207

79, 40.053,
145.743

■ 83, 47.841,
145.306

Harmonies

Complementary

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



47, 30.032, 330.032



55, 29.989, 145.754

Rectangle

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



47, 30.032, 330.032



47, 30.032, 20.032



47, 30.032, 150.032



47, 30.032, 200.032

Sweetspot

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



47, 30.030, 330.032



71, 11.302, 328.685



43, 28.438, 297.940



37, 7.777, 328.761



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



47, 30.030, 330.032



58, 43.949, 330.446



46, 22.021, 353.847



28, 5.137, 328.623



31, 65.405, 333.898



1, 3.449, 328.125

Inverse Universe

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



47, 30.030, 330.032



58, 43.949, 330.446



56, 20.578, 167.293



28, 5.137, 328.623



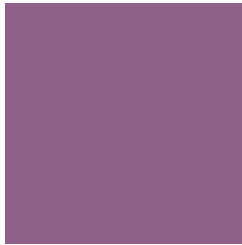
31, 65.405, 333.898



1, 3.449, 328.125

Previews

White Background



This preview shows how the CIELCh color 47, 30.032, 330.032 looks on a white background.

Color Contrast Check

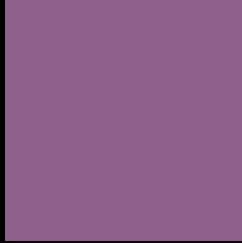
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.032, 330.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

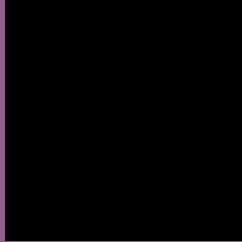
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 30.032, 330.032

Background



This preview shows how black text looks on a background with the CIELCh color 47, 30.032, 330.032.



This preview shows how white text looks on a background with the CIELCh color 47, 30.032, 330.032.

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, 30.032, 330.032

Protanopia

47, 21.993, 285.845

Deuteranopia

47, 15.448, 295.002



Tritanopia
47, 16.652, 5.306

Trichromacy



Original Color
47, 30.032, 330.032

Protanomaly
47, 23.065, 304.052

Deuteranomaly
47, 20.389, 313.264

Tritanomaly
47, 20.365, 346.962

Monochromacy



Original Color
47, 30.032, 330.032

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 11.199, 328.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 30.032, 330.032 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(143, 96, 137)` looks like.

```
.text, #text, p{  
    color:rgb(143, 96, 137)  
}
```

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(143, 96, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 96, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 30.032, 330.032 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(143, 96, 137) }
```

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

```
.border{ border-color:rgb(143, 96, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 96, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 96, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 96, 137); box-shadow:4px 4px 4px 4px rgb(143, 96, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 30.032, 330.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 96, 137) }
```

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

```
.background{ background-color: rgb(143, 96,  
137) }
```

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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