Converting Colors

CIELCh(30, 19.847, 339.840)

Have a look what the booklet for CIELCh(30, 19.847, 339.840) contains.

Color

CIELCh(30, 20.063, 339.145)

Conversions

Format	Color
Hex	5E3C52
RGB	94, 60, 82
RGB Percent	37%, 24%, 32%
CMY	0.6310, 0.7644, 0.6781
CMYK	0.00, 0.36, 0.13, 0.63
HSL	321°, 22%, 30%
HSV	321°, 36%, 37%
XYZ	7.7724, 6.2359, 8.7944
YIQ	72.6740, 13.2020, 14.0500

Conversions Part 1

Conversions

Conversions Part 2

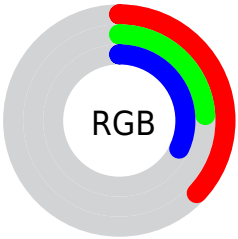
Format	Color
RYB	94, 60, 82
Decimal	6175826
CIELab	30.00, 18.75, -7.14
CIELCh	30, 20.063, 339.145
Yxy	6.2359, 0.3409, 0.2735
Android (android.graphics.Color)	4284365906 (0xFF5E3C52)
YUV	72.6740, 4.5977, 18.7029
Hunter-Lab	24.9718, 11.8569, -3.4002

Details

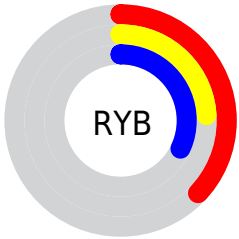
The CIELCh color 30, 20.063, 339.145 is a dark color, and the websafe version is hex 663366. A complement of this color would be 37, 19.728, 153.621, and the grayscale version is 31, 0.005, 296.813.

A 20% lighter version of the original color is 50, 19.872, 339.571, and 10, 20.321, 339.689 is the 20% darker color. If you saturate the color by 10%, you get 28, 25.432, 340.024, and if you desaturate by 10%, it is 33, 14.515, 338.339.

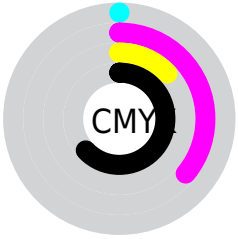
Distribution



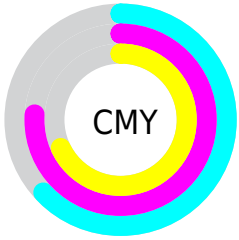
- Red (37%)
- Green (24%)
- Blue (32%)



- Red (37%)
- Yellow (24%)
- Blue (32%)



- Cyan (0%)
- Magenta (36%)
- Yellow (13%)
- Black (63%)



- Cyan (63%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 20.063, 339.145 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 30, 20.063, 339.145 by changing the saturation by 10% instead.

30, 20.063, 339.145

30, 20.063, 339.145

100, 20.063, 339.145

20, 20.063, 339.145

50, 20.063, 339.145

10, 20.063, 339.145

60, 20.063, 339.145

0, 20.063, 339.145

70, 20.063, 339.145

80, 20.063, 339.145

90, 20.063, 339.145

30, 20.063, 339.145

28, 25.432, 340.024

25, 30.453, 340.996

23, 34.907, 342.093

22, 38.553, 343.362

20, 41.172, 344.864

19, 42.961, 346.567

19, 43.693, 347.197

30, 20.063, 339.145

33, 14.515, 338.339

35, 8.922, 337.587

38, 3.368, 336.855

41, 2.088, 156.366

44, 7.415, 155.686

47, 12.594, 155.101

50, 17.620, 154.558

53, 22.493, 154.047

56, 27.218,

153.567

Harmonies

Complementary

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

30, 20.063, 339.145

37, 19.728, 153.621

Rectangle

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

30, 20.063, 339.145

30, 20.063, 29.145

30, 20.063, 159.145

30, 20.063, 209.145

Sweetspot

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

30, 20.062, 339.146

47, 7.525, 337.238

28, 22.600, 305.782

23, 5.012, 337.297

77, 0.009, 296.813

26, 0.004, 296.813

Same Dimension

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

30, 20.062, 339.146

37, 29.486, 339.859

29, 16.062, 10.922

17, 3.018, 337.054

23, 48.478, 347.681

52, 84.417, 349.428

Inverse Universe

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

30, 20.062, 339.146

37, 29.486, 339.859

37, 13.637, 184.213

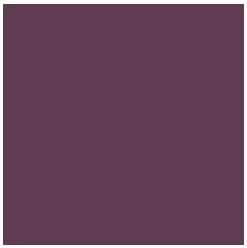
17, 3.018, 337.054

23, 48.478, 347.681

52, 84.417, 349.428

Previews

White Background

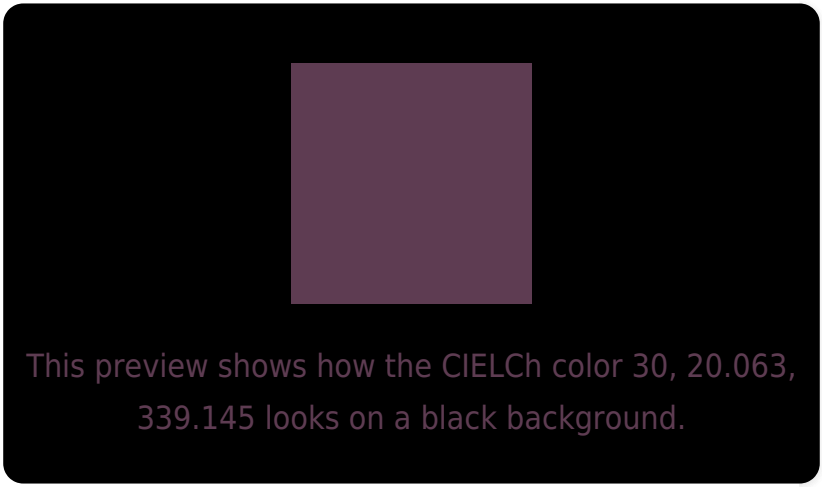


This preview shows how the CIELCh color 30, 20.063, 339.145 looks on a white background.

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 ✓ Pass

Black Background



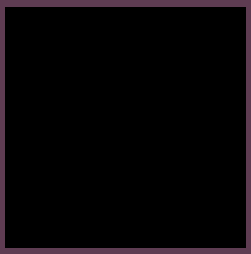
This preview shows how the CIELCh color 30, 20.063, 339.145 looks on a black background.

Color Contrast Check

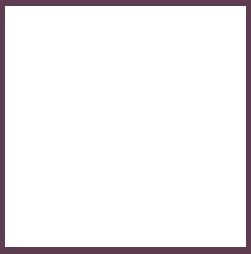
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 30, 20.063, 339.145 Background



This preview shows how black text looks on a background with the CIELCh color 30, 20.063, 339.145.



This preview shows how white text looks on a background with the CIELCh color 30, 20.063, 339.145.

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
30, 20.063, 339.145

Protanopia
30, 12.227, 285.064

Deuteranopia
30, 7.279, 304.844

Tritanopia
30, 13.650, 8.560

Trichromacy

Original Color
30, 20.063, 339.145

Protanomaly
30, 13.552, 310.069

Deuteranomaly
30, 11.575, 325.351

Tritanomaly
30, 15.464, 355.607

Monochromacy

Original Color
30, 20.063, 339.145

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 7.664, 339.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 20.063, 339.145 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(94, 60, 82) looks like.

```
.text, #text, p{
    color:rgb(94, 60, 82)
}
```

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(94, 60, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 60, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 20.063, 339.145 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(94, 60, 82) }
```

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

```
.border{ border-color:rgb(94, 60, 82) }
```

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

Here you see how a box with a 4 pixel rgb(94, 60, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 60, 82); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 60, 82); box-shadow:4px 4px 4px 4px rgb(94, 60, 82) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 20.063, 339.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(94, 60, 82) }
```

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

```
.background{ background-color:rgb(94, 60,
82) }
```

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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