

Converting Colors

CIELCh(34, 20.036, 346.862)

Have a look what the booklet for
CIELCh(34, 20.036, 346.862)
contains.

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Color

CIELCh(34, 19.979, 346.837)

Conversions

Conversions Part 1

Format	Color
Hex	6B4558
RGB	107, 69, 88
RGB Percent	42%, 27%, 35%
CMY	0.5820, 0.7309, 0.6564
CMYK	0.00, 0.36, 0.18, 0.58
HSL	330°, 22%, 34%
HSV	330°, 36%, 42%
XYZ	9.8645, 8.0082, 10.1743
YIQ	82.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

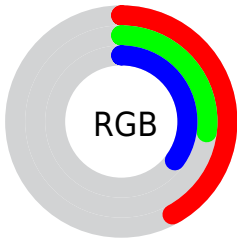
Format	Color
R_{YB}	107, 69, 88
Decimal	7030104
CIE _{Lab}	34.00, 19.45, -4.55
CIE _{LCh}	34, 19.979, 346.837
Yxy	8.0082, 0.3517, 0.2855
Android (android.graphics.Color)	4285220184 (0xFF6B4558)
YUV	82.5280, 2.6977, 21.4619
Hunter-Lab	28.2988, 12.6990, -1.5074

Details

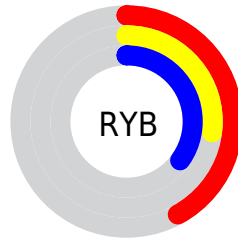
The CIELCh color $34, 19.979, 346.837$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $42, 19.177, 160.457$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 19.862, 346.623$, and $14, 20.240, 345.566$ is the 20% darker color. If you saturate the color by 10%, you get $31, 25.508, 348.015$, and if you desaturate by 10%, it is $37, 14.317, 345.804$.

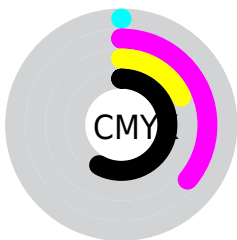
Distribution



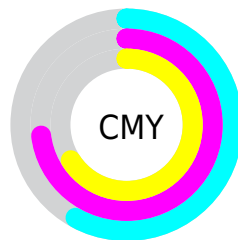
- Red (42%)
- Green (27%)
- Blue (35%)



- Red (42%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (58%)





- Cyan (58%)
- Magenta (73%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 19.979, 346.837 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 34, 19.979, 346.837 by changing the saturation by 10% instead.


 34, 19.979,
346.837


 34, 19.979,
346.837

 100, 19.979,
346.837


 24, 19.979,
346.837

 54, 19.979,
346.837


 14, 19.979,
346.837


 64, 19.979,
346.837

 4, 19.979, 346.837

 74, 19.979,
346.837

 0, 19.979, 346.837

 84, 19.979,
346.837

 94, 19.979,
346.837

34, 19.979,
346.837

34, 19.979,
346.837

31, 25.508,
348.015

37, 14.317,
345.804

29, 30.726,
349.383

40, 8.657, 344.875

26, 35.400,
351.010

43, 3.081, 343.993

46, 2.360, 163.431

24, 39.270,
352.991

50, 7.638, 162.662

23, 42.106,
355.446

53, 12.743,
162.008

22, 43.979,
358.397

56, 17.674,
161.409

21, 44.827,
359.668

60, 22.436,
160.854

63, 27.038,

Harmonies

Complementary

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



34, 19.979, 346.837



42, 19.177, 160.457

Rectangle

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



34, 19.979, 346.837



34, 19.979, 36.837



34, 19.979, 166.837



34, 19.979, 216.837

Sweetspot

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



34, 19.977, 346.838



53, 7.488, 344.496



32, 25.089, 310.175



26, 4.999, 344.576



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



34, 19.977, 346.838



41, 29.694, 347.833



33, 17.655, 21.112



21, 3.104, 344.293



24, 47.928, 0.145



53, 82.065, 2.823

Inverse Universe

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



34, 19.977, 346.838



41, 29.694, 347.833



42, 14.095, 196.195



21, 3.104, 344.293



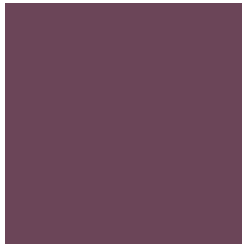
24, 47.928, 0.145



53, 82.065, 2.823

Previews

White Background



This preview shows how the CIELCh color 34, 19.979, 346.837 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 CIE LCh color 34, 19.979, 346.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

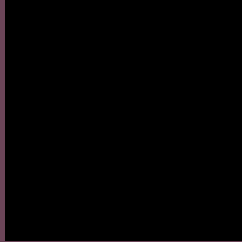
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 19.979, 346.837

Background



This preview shows how black text looks on a background with the CIELCh color 34, 19.979, 346.837.



This preview shows how white text looks on a background with the CIELCh color 34, 19.979, 346.837.

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

34, 19.979, 346.837

Protanopia

34, 9.447, 284.531

Deuteranopia

34, 6.087, 324.885



Tritanopia
34, 15.633, 10.683

Trichromacy



Original Color
34, 19.979, 346.837

Protanomaly
34, 11.257, 317.977

Deuteranomaly
34, 10.763, 336.947

Tritanomaly
34, 17.054, 1.147

Monochromacy



Original Color
34, 19.979, 346.837

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 7.479, 344.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 19.979, 346.837 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(107, 69, 88)` looks like.

```
.text, #text, p{  
    color:rgb(107, 69, 88)  
}
```

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(107, 69, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 69, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 19.979, 346.837 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(107, 69, 88) }
```

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

```
.border{ border-color:rgb(107, 69, 88) }
```

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

Here you see how a box with a 4 pixel rgb(107, 69, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 69, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 69, 88);  
box-shadow:4px 4px 4px 4px rgb(107, 69,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 19.979, 346.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 69, 88) }
```

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

```
.background{ background-color: rgb(107, 69,  
88) }
```

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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