

Converting Colors

CIELCh(34, 18.424, 354.580)

Have a look what the booklet for
CIELCh(34, 18.424, 354.580)
contains.

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Color

CIELCh(34, 18.649, 355.052)

Conversions

Conversions Part 1

Format	Color
Hex	6B4553
RGB	107, 69, 83
RGB Percent	42%, 27%, 33%
CMY	0.5804, 0.7294, 0.6745
CMYK	0.00, 0.36, 0.22, 0.58
HSL	338°, 22%, 35%
HSV	338°, 36%, 42%
XYZ	9.7547, 8.0082, 9.2168
YIQ	81.9580, 18.1540, 12.4100

Conversions

Conversions Part 2

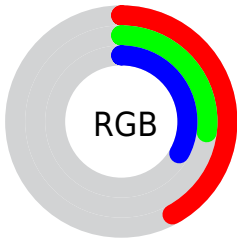
Format	Color
R_{YB}	107, 69, 83
Decimal	7030099
CIE _{Lab}	34.00, 18.58, -1.61
CIE _{LCh}	34, 18.649, 355.052
Yxy	8.0082, 0.3616, 0.2968
Android (android.graphics.Color)	4285220179 (0xFF6B4553)
YUV	81.9580, 0.5137, 21.9618
Hunter-Lab	28.2988, 12.0068, 0.4986

Details

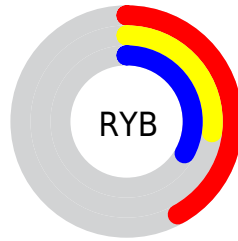
The CIELCh color $[34, 18.649, 355.052]$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $[42, 17.286, 168.048]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 18.346, 355.777]$, and $[14, 18.163, 355.755]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 23.980, 356.486]$, and if you desaturate by 10%, it is $[37, 13.271, 353.832]$.

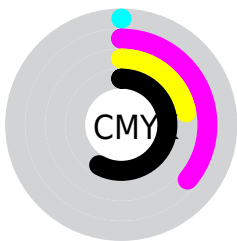
Distribution



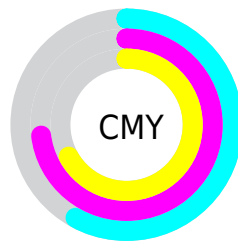
- Red (42%)
- Green (27%)
- Blue (33%)



- Red (42%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (58%)





- Cyan (58%)
- Magenta (73%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 18.649, 355.052 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, 18.649, 355.052 by changing the saturation by 10% instead.


 34, 18.649,
355.052


 34, 18.649,
355.052

 100, 18.649,
355.052


 24, 18.649,
355.052

 54, 18.649,
355.052


 14, 18.649,
355.052


 64, 18.649,
355.052

 4, 18.649, 355.052

 74, 18.649,
355.052

 0, 18.649, 355.052

 84, 18.649,
355.052

 94, 18.649,
355.052

34, 18.649,
355.052

34, 18.649,
355.052

31, 23.980,
356.486

37, 13.271,
353.832

28, 29.108,
358.200

40, 7.960, 352.763

43, 2.783, 351.767

26, 33.823, 0.295

47, 2.221, 171.171

24, 37.892, 2.897

50, 7.038, 170.335

23, 41.118, 6.158

53, 11.663,
169.641

22, 43.589, 10.062

21, 44.771, 11.750

57, 16.104,
169.013

60, 20.369,
168.438

63, 24.472,

Harmonies

Complementary

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



34, 18.649, 355.052



42, 17.286, 168.048

Rectangle

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



34, 18.649, 355.052



34, 18.649, 45.052



34, 18.649, 175.052



34, 18.649, 225.052

Sweetspot

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



34, 18.647, 355.054



54, 7.003, 352.345



33, 25.621, 314.507



27, 4.749, 352.442



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



34, 18.647, 355.054



42, 28.288, 356.286



35, 16.021, 31.541



21, 2.856, 352.115



24, 47.847, 12.348



52, 83.095, 15.785

Inverse Universe

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



34, 18.647, 355.054



42, 28.288, 356.286



41, 12.576, 210.438



21, 2.856, 352.115



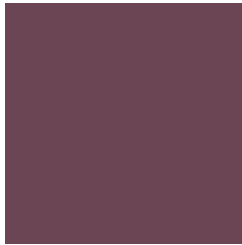
24, 47.847, 12.348



52, 83.095, 15.785

Previews

White Background



This preview shows how the CIELCh color 34, 18.649, 355.052 looks on a white background.

Color Contrast Check

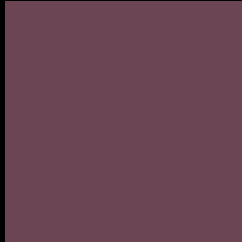
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.649, 355.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

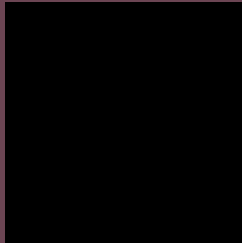
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 18.649, 355.052

Background



This preview shows how black text looks on a background with the CIELCh color 34, 18.649, 355.052.



This preview shows how white text looks on a background with the CIELCh color 34, 18.649, 355.052.

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, 18.649, 355.052

Protanopia

34, 6.273, 287.507

Deuteranopia

34, 4.352, 354.528



Tritanopia
34, 16.623, 9.412

Trichromacy



Original Color
34, 18.649, 355.052

Protanomaly
34, 8.868, 329.759

Deuteranomaly
34, 9.382, 353.213

Tritanomaly
34, 16.911, 3.168

Monochromacy



Original Color
34, 18.649, 355.052

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 6.861, 353.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 18.649, 355.052 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(107, 69, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 69, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 18.649, 355.052 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, 83) }
```

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

```
.border{ border-color:rgb(107, 69, 83) }
```

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, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 69, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 69, 83);  
box-shadow:4px 4px 4px 4px rgb(107, 69,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 18.649, 355.052 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, 83) }
```

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

```
.background{ background-color: rgb(107, 69,  
83) }
```

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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