

Converting Colors

CIELCh(18, 15.534, 339.437)

Have a look what the booklet for
CIELCh(18, 15.534, 339.437)
contains.

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Color

CIELCh(18, 15.780, 339.662)

Conversions

Conversions Part 1

Format	Color
Hex	3D2434
RGB	61, 36, 52
RGB Percent	24%, 14%, 20%
CMY	0.7601, 0.8582, 0.7954
CMYK	0.00, 0.41, 0.15, 0.76
HSL	322°, 26%, 19%
HSV	322°, 41%, 24%
XYZ	3.1939, 2.5180, 3.5855
YIQ	45.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

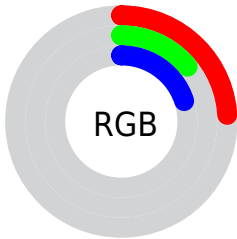
Format	Color
R_{YB}	61, 36, 52
Decimal	4006964
CIE _{Lab}	18.00, 14.80, -5.48
CIE _{LCh}	18, 15.780, 339.662
Yxy	2.5180, 0.3435, 0.2708
Android (android.graphics.Color)	4282197044 (0xFF3D2434)
YUV	45.2990, 3.3036, 13.7698
Hunter-Lab	15.8683, 8.1578, -2.2889

Details

The CIELCh color **18, 15.780, 339.662** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 15.495, 153.709**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 15.674, 340.219**, and **1, 4.217, 350.842** is the 20% darker color. If you saturate the color by 10%, you get **16, 19.486, 340.510**, and if you desaturate by 10%, it is **20, 11.938, 338.885**.

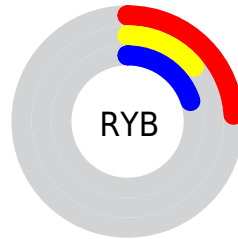
Distribution



Red (24%)

Green (14%)

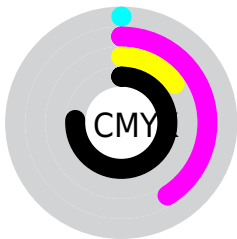
Blue (20%)



Red (24%)

Yellow (14%)

Blue (20%)

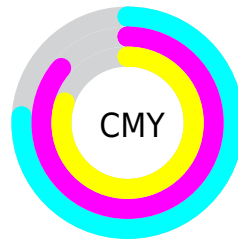


Cyan (0%)

Magenta (41%)

Yellow (15%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 15.780, 339.662 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 18, 15.780, 339.662 by changing the saturation by 10% instead.

■ 18, 15.780,
339.662

■ 18, 15.780,
339.662

■ 100, 15.780,
339.662

■ 8, 15.780, 339.662

■ 38, 15.780,
339.662

■ 0, 15.780, 339.662

■ 48, 15.780,
339.662


■ 58, 15.780,
339.662


■ 68, 15.780,
339.662


■ 78, 15.780,
339.662


■ 88, 15.780,


339.662


 98, 15.780,
339.662

 18, 15.780,
339.662


 18, 15.780,
339.662

 16, 19.486,
340.510

 20, 11.938,
338.885


 15, 22.948,
341.445

 22, 8.048, 338.160


 13, 26.031,
342.497

 24, 4.168, 337.472

 26, 0.340, 336.424

 12, 28.586,
343.706

 28, 3.412, 156.334

 11, 30.749,
345.006

 30, 7.072, 155.753

■ 10, 32.978,
346.022

■ 32, 10.633,
155.219

■ 34, 14.094,
154.719

■ 36, 17.456,
154.247

Harmonies

Complementary

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



18, 15.780, 339.662



23, 15.495, 153.709

Rectangle

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



18, 15.780, 339.662



18, 15.780, 29.662



18, 15.780, 159.662



18, 15.780, 209.662

Sweetspot

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



18, 15.779, 339.663



31, 5.696, 337.584



16, 17.926, 305.927



15, 3.813, 337.603



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



18, 15.779, 339.663



22, 23.228, 340.534



18, 12.759, 11.228



10, 2.122, 337.303



19, 43.603, 347.729



49, 80.029, 349.906

Inverse Universe

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



18, 15.779, 339.663



22, 23.228, 340.534



24, 10.721, 184.030



10, 2.122, 337.303



19, 43.603, 347.729



49, 80.029, 349.906

Previews

White Background



This preview shows how the CIE LCh color 18, 15.780, 339.662 looks on a white background.

Color Contrast Check

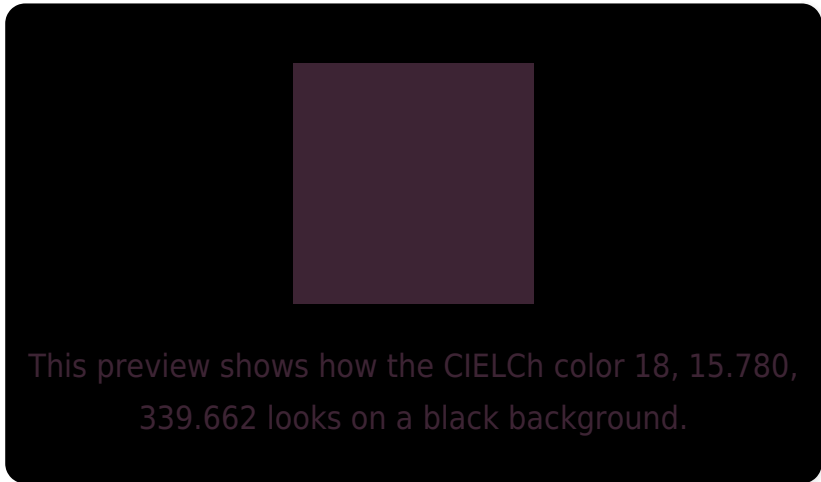
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

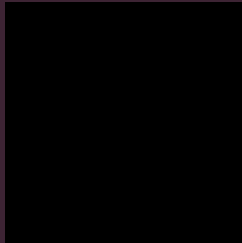
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 15.780, 339.662

Background



This preview shows how black text looks on a background with the CIELCh color 18, 15.780, 339.662.



This preview shows how white text looks on a background with the CIELCh color 18, 15.780, 339.662.

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

18, 15.780, 339.662

Protanopia

18, 9.701, 285.141

Deuteranopia

18, 5.715, 305.287



Tritanopia
18, 11.147, 11.684

Trichromacy



Original Color
18, 15.780, 339.662

Protanomaly
18, 10.875, 309.021

Deuteranomaly
18, 8.584, 328.010

Tritanomaly
18, 12.339, 356.395

Monochromacy



Original Color
18, 15.780, 339.662

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 5.934, 336.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 15.780, 339.662 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(61, 36, 52)` looks like.

```
.text, #text, p{  
    color:rgb(61, 36, 52)  
}
```

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(61, 36, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 36, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 15.780, 339.662 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(61, 36, 52) }
```

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

```
.border{ border-color:rgb(61, 36, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 36, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 36, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 36, 52);  
box-shadow:4px 4px 4px 4px rgb(61, 36, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 15.780, 339.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 36, 52) }
```

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

```
.background{ background-color: rgb(61, 36,  
52) }
```

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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