

Converting Colors

CIELCh(18, 6.462, 45.035)

Have a look what the booklet for
CIELCh(18, 6.462, 45.035) contains.

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Color

CIELCh(18, 6.252, 46.343)

Conversions

Conversions Part 1

Format	Color
Hex	352A26
RGB	53, 42, 38
RGB Percent	21%, 16%, 15%
CMY	0.7935, 0.8366, 0.8523
CMYK	0.00, 0.21, 0.28, 0.79
HSL	16°, 17%, 18%
HSV	16°, 28%, 21%
XYZ	2.6111, 2.5180, 2.1548
YIQ	44.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

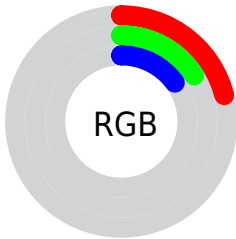
Format	Color
RYB	53, 43, 38
Decimal	3484198
CIELab	18.00, 4.32, 4.52
CIELCh	18, 6.252, 46.343
Yxy	2.5180, 0.3585, 0.3457
Android (android.graphics.Color)	4281674278 (0xFF352A26)
YUV	44.8330, -3.3687, 7.1625
Hunter-Lab	15.8683, 1.6018, 3.0568

Details

The CIELCh color **18, 6.252, 46.343** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 5.386, 229.283**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 6.248, 43.069**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 8.741, 46.106**, and if you desaturate by 10%, it is **19, 3.920, 46.662**.

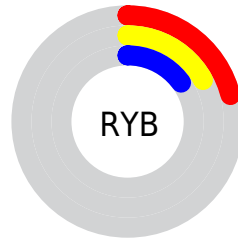
Distribution



Red (21%)

Green (16%)

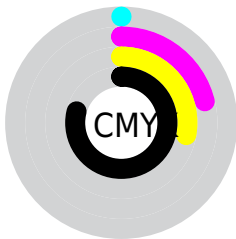
Blue (15%)



Red (21%)

Yellow (17%)

Blue (15%)

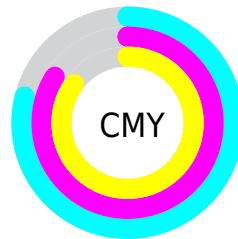


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (79%)



Cyan (79%)

Magenta (84%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 6.252, 46.343 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, 6.252, 46.343 by changing the saturation by 10% instead.

 18, 6.252, 46.343  18, 6.252, 46.343

 100, 6.252, 46.343  8, 6.252, 46.343

 38, 6.252, 46.343  0, 6.252, 46.343

 48, 6.252, 46.343


 58, 6.252, 46.343

 68, 6.252, 46.343

 78, 6.252, 46.343

 88, 6.252, 46.343

 98, 6.252, 46.343

 18, 6.252, 46.343  18, 6.252, 46.343

17, 8.741, 46.106	19, 3.920, 46.662
15, 11.396, 45.946	21, 1.737, 46.983
14, 14.216, 45.888	22, 0.311, 228.193
13, 16.922, 45.051	24, 2.234, 228.090
12, 19.215, 42.914	25, 4.046, 228.538
11, 21.247, 40.430	27, 5.758, 229.026
10, 23.239, 38.727	28, 7.380, 229.529
10, 23.542, 38.531	29, 8.921, 230.038
	31, 10.391, 230.547

Harmonies

Complementary

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



18, 6.252, 46.343



19, 5.386, 229.283

Rectangle

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



18, 6.252, 46.343



18, 6.252, 96.343



18, 6.252, 226.343



18, 6.252, 276.343

Sweetspot

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



18, 6.252, 46.352



28, 2.324, 46.955



17, 10.335, 334.602



13, 1.634, 46.939



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



18, 6.252, 46.352



23, 9.589, 46.165



20, 7.942, 95.469



8, 1.102, 46.864



19, 40.755, 44.767



49, 85.422, 45.611

Inverse Universe

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



19, 5.386, 229.283



25, 7.906, 229.951



17, 8.102, 281.631



8, 1.063, 227.985



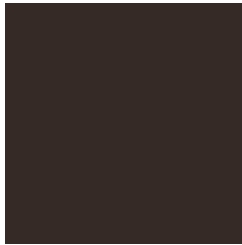
25, 21.224, 245.841



61, 41.442, 250.232

Previews

White Background



This preview shows how the CIELCh color 18, 6.252, 46.343 looks on a white background.

Color Contrast Check

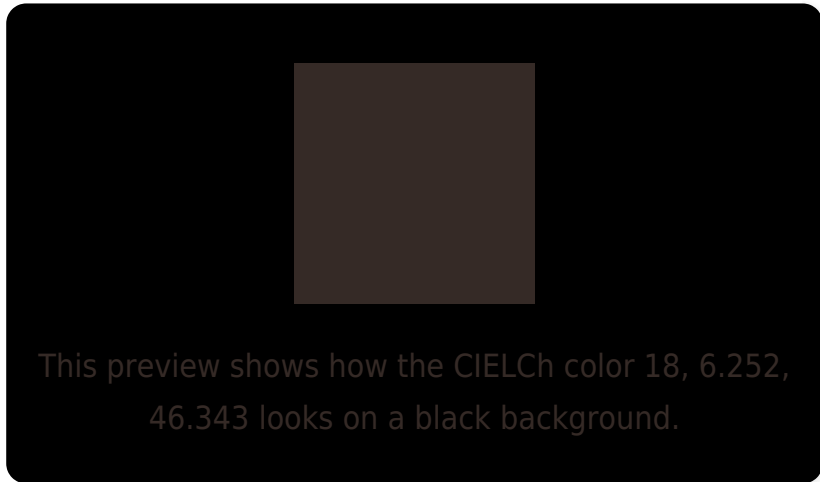
Large Text (above 18pt) WCAG AA ✓ Pass

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

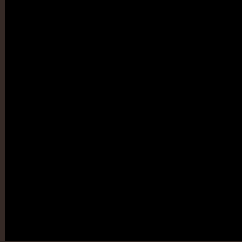
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 6.252, 46.343

Background



This preview shows how black text looks on a background with the CIELCh color 18, 6.252, 46.343.

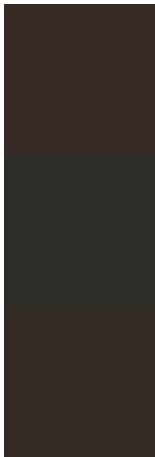


This preview shows how white text looks on a background with the CIELCh color 18, 6.252, 46.343.

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

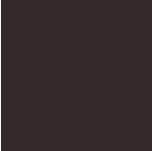
18, 6.252, 46.343

Protanopia

18, 3.572, 93.219

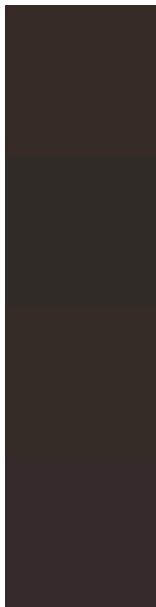
Deuteranopia

18, 5.336, 51.087



Tritanopia
18, 6.181, 1.444

Trichromacy



Original Color
18, 6.252, 46.343

Protanomaly
18, 3.713, 67.387

Deuteranomaly
18, 5.788, 48.522

Tritanomaly
18, 5.953, 14.179

Monochromacy



Original Color
18, 6.252, 46.343

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 2.380, 54.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 6.252, 46.343 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(53, 42, 38)` looks like.

```
.text, #text, p{  
    color:rgb(53, 42, 38)  
}
```

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(53, 42, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 42, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 6.252, 46.343 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(53, 42, 38) }
```

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

```
.border{ border-color:rgb(53, 42, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 42, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 42, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 42, 38);  
box-shadow:4px 4px 4px 4px rgb(53, 42, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 6.252, 46.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 42, 38) }
```

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

```
.background{ background-color: rgb(53, 42,  
38) }
```

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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