

Converting Colors

CIELCh(18, 6.091, 13.360)

Have a look what the booklet for
CIELCh(18, 6.091, 13.360) contains.

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Color

CIELCh(18, 5.953, 14.179)

Conversions

Conversions Part 1

Format	Color
Hex	35292A
RGB	53, 41, 42
RGB Percent	21%, 16%, 16%
CMY	0.7918, 0.8389, 0.8350
CMYK	0.00, 0.23, 0.21, 0.79
HSL	355°, 13%, 18%
HSV	355°, 23%, 21%
XYZ	2.6874, 2.5180, 2.5422
YIQ	44.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

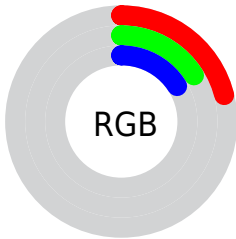
Format	Color
RYB	53, 41, 42
Decimal	3483946
CIELab	18.00, 5.77, 1.46
CIElCh	18, 5.953, 14.179
Yxy	2.5180, 0.3469, 0.3250
Android (android.graphics.Color)	4281674026 (0xFF35292A)
YUV	44.7020, -1.3321, 7.2773
Hunter-Lab	15.8683, 2.4602, 1.6094

Details

The CIELCh color **18, 5.953, 14.179** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21, 5.359, 191.146**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 6.114, 14.504**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 8.821, 15.195**, and if you desaturate by 10%, it is **20, 3.227, 13.323**.

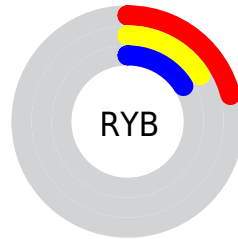
Distribution



Red (21%)

Green (16%)

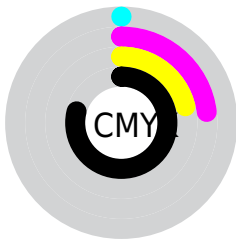
Blue (16%)



Red (21%)

Yellow (16%)

Blue (16%)

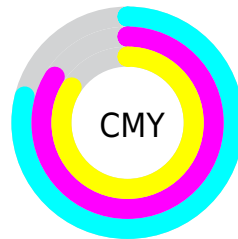


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (79%)



Cyan (79%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 5.953, 14.179 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, 5.953, 14.179 by changing the saturation by 10% instead.

 18, 5.953, 14.179  18, 5.953, 14.179

 100, 5.953, 14.179  8, 5.953, 14.179

 38, 5.953, 14.179  0, 5.953, 14.179

 48, 5.953, 14.179

 58, 5.953, 14.179

 68, 5.953, 14.179

 78, 5.953, 14.179

 88, 5.953, 14.179

 98, 5.953, 14.179

 18, 5.953, 14.179  18, 5.953, 14.179

16, 8.821, 15.195	20, 3.227, 13.323
14, 11.819, 16.409	22, 0.650, 12.359
13, 14.914, 17.890	24, 1.783, 192.207
11, 18.058, 19.704	26, 4.077, 191.622
10, 21.024, 20.800	27, 6.244, 191.152
9, 23.592, 21.002	29, 8.293, 190.746
8, 26.093, 20.004	31, 10.237, 190.389
7, 27.970, 19.126	33, 12.084, 190.070
	35, 13.846, 189.784

Harmonies

Complementary

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



18, 5.953, 14.179



21, 5.359, 191.146

Rectangle

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



18, 5.953, 14.179



18, 5.953, 64.179



18, 5.953, 194.179



18, 5.953, 244.179

Sweetspot

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



18, 5.952, 14.186



28, 2.194, 12.891



18, 9.697, 323.115



13, 1.440, 12.883



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, 5.952, 14.186



23, 8.979, 14.744



20, 4.880, 63.846



8, 1.349, 12.877



16, 43.554, 30.659



45, 89.043, 37.093

Inverse Universe

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



18, 5.952, 14.186



23, 8.979, 14.744



19, 4.520, 248.358



8, 1.349, 12.877



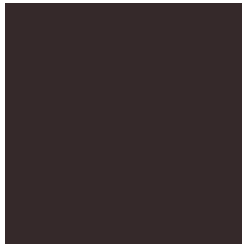
16, 43.554, 30.659



45, 89.043, 37.093

Previews

White Background



This preview shows how the CIELCh color 18, 5.953, 14.179 looks on a white background.

Color Contrast Check

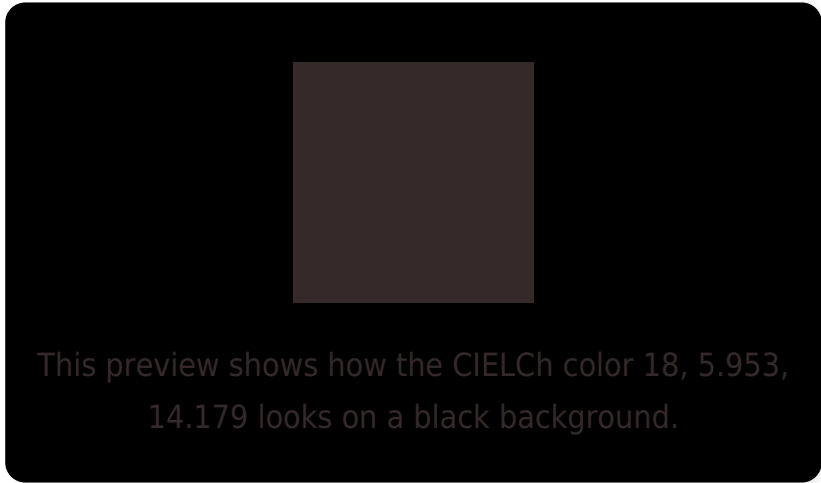
Large Text (above 18pt) WCAG AA ✓ Pass

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

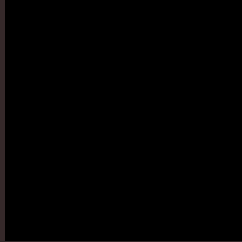
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 5.953, 14.179

Background



This preview shows how black text looks on a background with the CIELCh color 18, 5.953, 14.179.

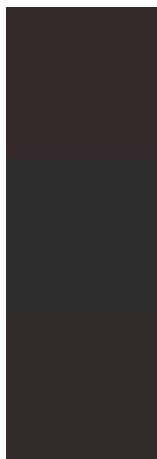


This preview shows how white text looks on a background with the CIELCh color 18, 5.953, 14.179.

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

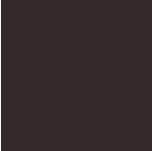
18, 5.953, 14.179

Protanopia

18, 0.476, 19.101

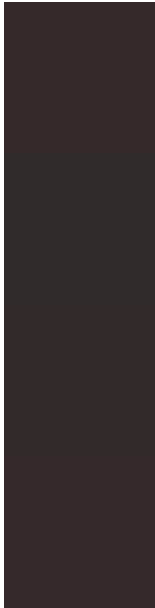
Deuteranopia

18, 3.012, 33.113



Tritanopia
18, 6.181, 1.444

Trichromacy



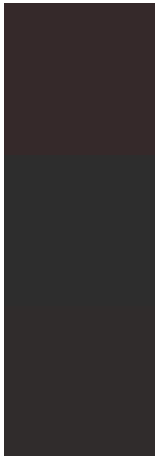
Original Color
18, 5.953, 14.179

Protanomaly
18, 2.420, 19.863

Deuteranomaly
18, 3.920, 20.242

Tritanomaly
18, 6.028, 7.688

Monochromacy



Original Color
18, 5.953, 14.179

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 1.923, 19.725

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 18, 5.953, 14.179 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, 41, 42)` looks like.

```
.text, #text, p{  
    color:rgb(53, 41, 42)  
}
```

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, 41, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 41, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 5.953, 14.179 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, 41, 42) }
```

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

```
.border{ border-color:rgb(53, 41, 42) }
```

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

Here you see how a box with a 4 pixel rgb(53, 41, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 41, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 41, 42);  
box-shadow:4px 4px 4px 4px rgb(53, 41, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 5.953, 14.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 41, 42) }
```

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

```
.background{ background-color: rgb(53, 41,  
42) }
```

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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