Converting Colors

CIELCh(26, 14.374, 219.265)

Have a look what the booklet for CIELCh(26, 14.374, 219.265) contains.

Color

CIELCh(26, 14.453, 218.912)

Conversions

Format	Color
Hex	1B434B
RGB	27, 67, 75
RGB Percent	11%, 26%, 29%
CMY	0.8944, 0.7375, 0.7061
CMYK	0.64, 0.11, 0.00, 0.71
HSL	190°, 47%, 20%
HSV	190°, 64%, 29%
XYZ	3.7218, 4.7465, 7.3657
YIQ	55.9520, -26.4080, -5.9920

Conversions Part 1

Conversions

Conversions Part 2

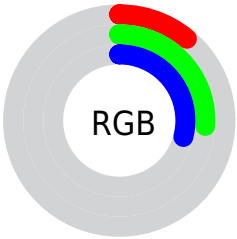
Format	Color
RYB	27, 49, 75
Decimal	1786699
CIELab	26.00, -11.25, -9.08
CIELCh	26, 14.453, 218.912
Yxy	4.7465, 0.2351, 0.2998
Android (android.graphics.Color)	4279976779 (0xFF1B434B)
YUV	55.9520, 9.3907, -25.3909
Hunter-Lab	21.7865, -7.6331, -4.7947

Details

The CIELCh color 26, 14.453, 218.912 is a dark color, and the websafe version is hex 003333. A complement of this color would be 19, 22.827, 37.716, and the grayscale version is 23, 0.004, 296.813.

A 20% lighter version of the original color is 46, 14.569, 219.744, and 7, 9.662, 227.317 is the 20% darker color. If you saturate the color by 10%, you get 25, 15.756, 220.237, and if you desaturate by 10%, it is 27, 12.838, 217.886.

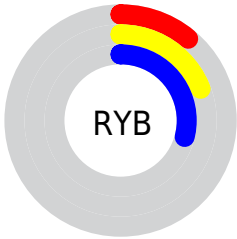
Distribution



Red (11%)

Green (26%)

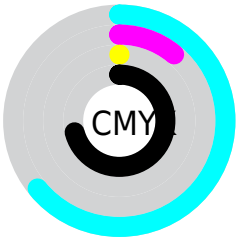
Blue (29%)



Red (11%)

Yellow (19%)

Blue (29%)

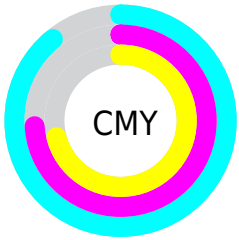


Cyan (64%)

Magenta (11%)

Yellow (0%)

Black (71%)



Cyan (89%)

Magenta (74%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 14.453, 218.912 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 26, 14.453, 218.912 by changing the saturation by 10% instead.

26, 14.453, 218.912

100, 14.453, 218.912

46, 14.453, 218.912

56, 14.453, 218.912

66, 14.453, 218.912

76, 14.453, 218.912

86, 14.453, 218.912

96, 14.453,

26, 14.453, 218.912

16, 14.453, 218.912

6, 14.453, 218.912

0, 14.453, 218.912

218.912

26, 14.453, 218.912

25, 15.756, 220.237

25, 16.739, 221.917

24, 17.507, 223.828

24, 17.982, 224.878

26, 14.453, 218.912

27, 12.838, 217.886

28, 10.937, 217.115

28, 8.781, 216.553

29, 6.405, 216.167

30, 3.845, 215.934

31, 1.135, 215.952

33, 1.694, 35.488

34, 4.616, 35.596

35, 7.608, 35.680

Harmonies

Complementary

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

26, 14.453, 218.912

19, 22.827, 37.716

Rectangle

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

26, 14.453, 218.912

26, 14.453, 268.912

26, 14.453, 38.912

26, 14.453, 88.912

Sweetspot

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

26, 14.453, 218.911

39, 6.337, 216.047

28, 32.747, 143.512

18, 4.285, 216.084

72, 0.009, 296.813

20, 0.004, 296.813

Same Dimension

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

26, 14.453, 218.911

33, 19.524, 221.164

18, 21.866, 281.124

15, 1.573, 215.883

33, 22.221, 226.306

72, 40.214, 228.777

Inverse Universe

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

19, 32.006, 333.070

23, 44.759, 334.048

26, 22.149, 81.994

14, 2.952, 329.827

22, 52.141, 335.684

52, 93.543, 336.324

Previews

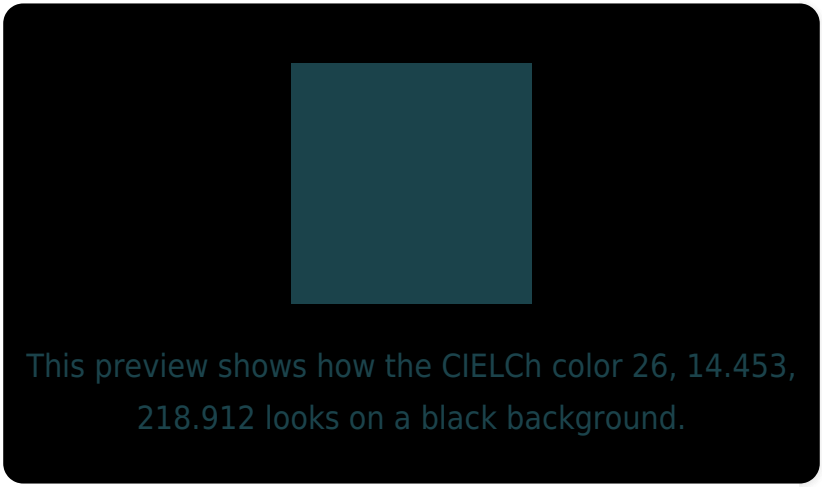
White Background

This preview shows how the CIELCh color 26, 14.453, 218.912 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

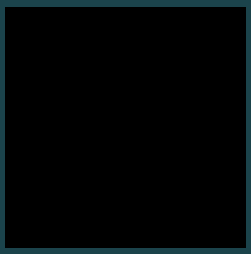


Color Contrast Check

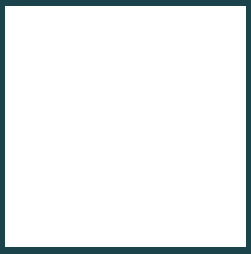
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 26, 14.453, 218.912 Background



This preview shows how black text looks on a background with the CIELCh color 26, 14.453, 218.912.

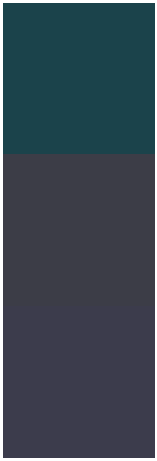


This preview shows how white text looks on a background with the CIELCh color 26, 14.453, 218.912.

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
26, 14.453, 218.912

Protanopia
26, 6.561, 287.818

Deuteranopia
26, 10.503, 292.297

Tritanopia
26, 14.531, 213.171

Trichromacy

Original Color
26, 14.453, 218.912

Protanomaly
26, 8.249, 244.720

Deuteranomaly
26, 10.123, 256.672

Tritanomaly
26, 14.585, 215.873

Monochromacy

Original Color
26, 14.453, 218.912

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 6.509, 216.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 14.453, 218.912 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(27, 67, 75) looks like.

```
.text, #text, p{
    color:rgb(27, 67, 75)
}
```

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(27, 67, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 67, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 14.453, 218.912 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(27, 67, 75) }
```

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

```
.border{ border-color:rgb(27, 67, 75) }
```

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

Here you see how a box with a 4 pixel rgb(27, 67, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(27, 67, 75); -webkit-box-shadow:4px 4px 4px 4px rgb(27, 67, 75); box-shadow:4px 4px 4px 4px rgb(27, 67, 75) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 14.453, 218.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(27, 67, 75) }
```

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

```
.background{ background-color:rgb(27, 67,
75) }
```

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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