

Converting Colors

CIELCh(18, 5.642, 189.754)

Have a look what the booklet for
CIELCh(18, 5.642, 189.754) contains.

CIELCh(18, 5.447, 190.966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(18, 5.447, 190.966)

Conversions

Conversions Part 1

Format	Color
Hex	222E2D
RGB	34, 46, 45
RGB Percent	13%, 18%, 18%
CMY	0.8654, 0.8183, 0.8222
CMYK	0.26, 0.00, 0.02, 0.82
HSL	175°, 15%, 16%
HSV	175°, 26%, 18%
XYZ	2.1408, 2.5180, 2.8897
YIQ	42.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

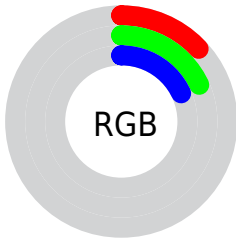
Format	Color
RYB	34, 40, 46
Decimal	2240045
CIELab	18.00, -5.35, -1.04
CIElCh	18, 5.447, 190.966
Yxy	2.5180, 0.2836, 0.3336
Android (android.graphics.Color)	4280430125 (0xFF222E2D)
YUV	42.2980, 1.3321, -7.2773
Hunter-Lab	15.8683, -3.6884, 0.3109

Details

The CIELCh color **18, 5.447, 190.966** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15, 6.127, 14.406**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 5.366, 192.141**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 7.366, 190.342**, and if you desaturate by 10%, it is **18, 3.414, 191.590**.

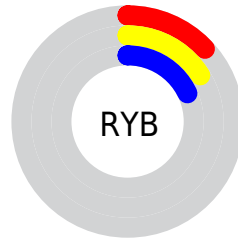
Distribution



Red (13%)

Green (18%)

Blue (18%)



Red (13%)

Yellow (16%)

Blue (18%)

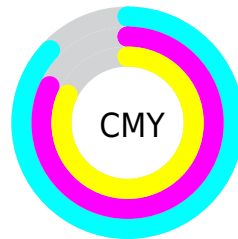


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 5.447, 190.966 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, 5.447, 190.966 by changing the saturation by 10% instead.

■ 18, 5.447, 190.966

■ 18, 5.447, 190.966

■ 100, 5.447,
190.966

■ 8, 5.447, 190.966

■ 38, 5.447, 190.966

■ 0, 5.447, 190.966

■ 48, 5.447, 190.966

■ 58, 5.447, 190.966

■ 68, 5.447, 190.966

■ 78, 5.447, 190.966

■ 88, 5.447, 190.966

■ 98, 5.447, 190.966

■ 18, 5.447, 190.966

■ 18, 5.447, 190.966

■ 18, 7.366, 190.342

■ 18, 3.414, 191.590

■ 17, 9.146, 189.722

■ 19, 1.290, 192.289

■ 17, 10.762,
189.096

■ 19, 0.903, 12.524

■ 17, 12.194,
188.459

■ 20, 3.145, 13.280

■ 17, 13.422,
187.805

■ 20, 5.420, 13.905

■ 21, 7.713, 14.510

■ 16, 14.508,
187.158

■ 22, 10.013, 15.104

■ 16, 15.633,
186.588

■ 22, 12.310, 15.690

■ 23, 14.597, 16.267

■ 16, 16.106,
186.375

Harmonies

Complementary

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



18, 5.447, 190.966



15, 6.127, 14.406

Rectangle

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



18, 5.447, 190.966



18, 5.447, 240.966



18, 5.447, 10.966



18, 5.447, 60.966

Sweetspot

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



18, 5.447, 190.961



25, 2.196, 192.089



18, 9.826, 140.522



11, 1.522, 192.056



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



18, 5.447, 190.961



24, 8.099, 190.531



16, 4.562, 246.589



7, 1.122, 192.327



33, 24.472, 185.244



77, 47.433, 184.314

Inverse Universe

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



15, 6.127, 14.406



19, 9.432, 15.096



16, 5.002, 61.725



7, 1.122, 12.675



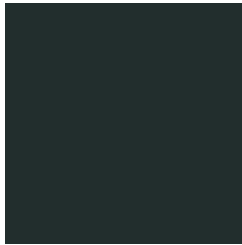
16, 42.487, 30.170



45, 88.211, 37.053

Previews

White Background



This preview shows how the CIELCh color 18, 5.447, 190.966 looks on a white background.

Color Contrast Check

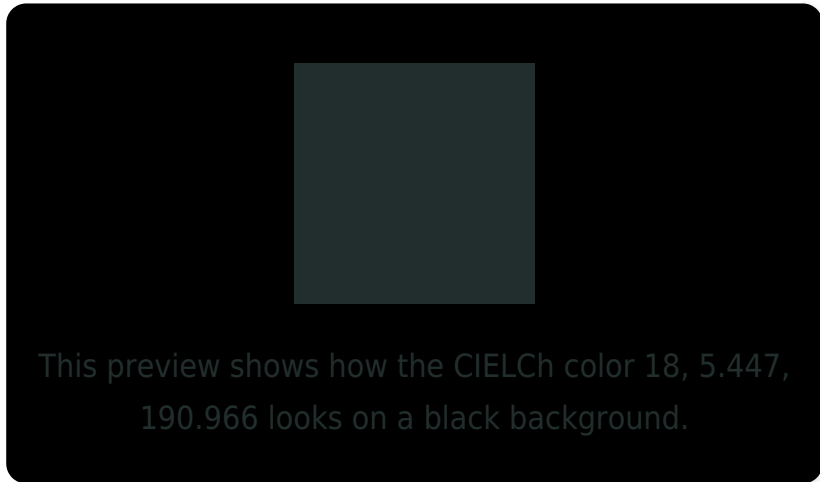
Large Text (above 18pt) WCAG AA ✓ Pass

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

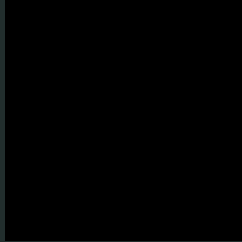
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

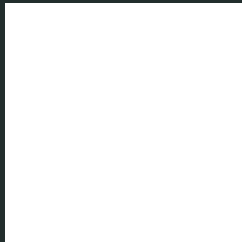
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 18, 5.447, 190.966

Background



This preview shows how black text looks on a background with the CIELCh color 18, 5.447, 190.966.

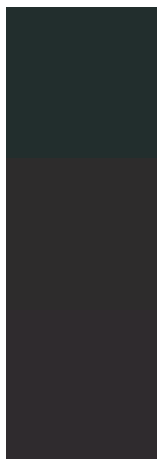


This preview shows how white text looks on a background with the CIELCh color 18, 5.447, 190.966.

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, 5.447, 190.966

Protanopia

18, 0.476, 19.101

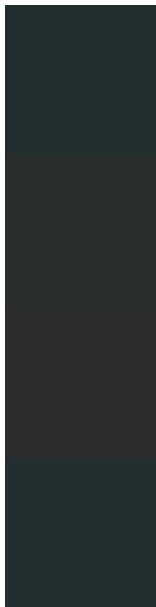
Deuteranopia

18, 2.818, 332.749



Tritanopia
18, 5.166, 222.300

Trichromacy



Original Color

18, 5.447, 190.966

Protanomaly

18, 2.007, 178.949

Deuteranomaly

18, 1.650, 256.403

Tritanomaly

18, 4.993, 214.636

Monochromacy



Original Color

18, 5.447, 190.966

Achromatopsia

18, 0.003, 296.813

Achromatomaly

18, 1.865, 199.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 5.447, 190.966 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(34, 46, 45)` looks like.

```
.text, #text, p{  
  color:rgb(34, 46, 45)  
}
```

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(34, 46, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 46, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 5.447, 190.966 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(34, 46, 45) }
```

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

```
.border{ border-color:rgb(34, 46, 45) }
```

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

Here you see how a box with a 4 pixel rgb(34, 46, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 46, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 46, 45);  
box-shadow:4px 4px 4px 4px rgb(34, 46, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 5.447, 190.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 46, 45) }
```

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

```
.background{ background-color: rgb(34, 46,  
45) }
```

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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