

Converting Colors

CIELCh(18, 14.854, 267.949)

Have a look what the booklet for
CIELCh(18, 14.854, 267.949)
contains.

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Color

CIELCh(18, 14.886, 268.132)

Conversions

Conversions Part 1

Format	Color
Hex	1B2D41
RGB	27, 45, 65
RGB Percent	11%, 18%, 25%
CMY	0.8930, 0.8225, 0.7440
CMYK	0.58, 0.31, 0.00, 0.74
HSL	212°, 41%, 18%
HSV	212°, 58%, 26%
XYZ	2.3696, 2.5180, 5.4039
YIQ	41.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

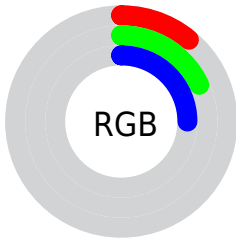
Format	Color
RYB	27, 39, 65
Decimal	1781057
CIELab	18.00, -0.49, -14.88
CIELCh	18, 14.886, 268.132
Yxy	2.5180, 0.2302, 0.2447
Android (android.graphics.Color)	4279971137 (0xFF1B2D41)
YUV	41.8980, 11.3893, -13.0655
Hunter-Lab	15.8683, -1.1141, -9.0833

Details

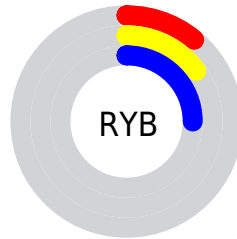
The CIELCh color **18, 14.886, 268.132** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21, 16.822, 71.646**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 15.084, 269.806**, and **1, 10.980, 288.731** is the 20% darker color. If you saturate the color by 10%, you get **16, 17.366, 270.828**, and if you desaturate by 10%, it is **20, 12.384, 265.788**.

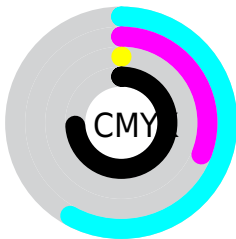
Distribution



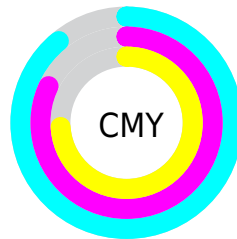
- Red (11%)
- Green (18%)
- Blue (25%)



- Red (11%)
- Yellow (15%)
- Blue (25%)



- Cyan (58%)
- Magenta (31%)
- Yellow (0%)
- Black (74%)



- Cyan (89%)
- Magenta (82%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 14.886, 268.132 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, 14.886, 268.132 by changing the saturation by 10% instead.

■ 18, 14.886,
268.132

■ 18, 14.886,
268.132

■ 100, 14.886,
268.132

■ 8, 14.886, 268.132

■ 38, 14.886,
268.132

■ 0, 14.886, 268.132

■ 48, 14.886,
268.132


■ 58, 14.886,
268.132


■ 68, 14.886,
268.132


■ 78, 14.886,
268.132


■ 88, 14.886,

268.132


 98, 14.886,
268.132

 18, 14.886,
268.132


 18, 14.886,
268.132

 16, 17.366,
270.828

 20, 12.384,
265.788


 15, 19.837,
273.889

 21, 9.857, 263.764


 13, 22.325,
277.235

 23, 7.303, 262.024

 25, 4.729, 260.532

 12, 24.923,
280.126

 26, 2.138, 259.273

 12, 25.401,
280.584

 28, 0.462, 77.734

■ 30, 3.065, 77.041

■ 31, 5.666, 76.206

■ 33, 8.259, 75.458

Harmonies

Complementary

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



18, 14.886, 268.132



21, 16.822, 71.646

Rectangle

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



18, 14.886, 268.132



18, 14.886, 318.132



18, 14.886, 88.132



18, 14.886, 138.132

Sweetspot

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



18, 14.886, 268.132



32, 5.453, 260.462



24, 20.036, 159.092



15, 3.679, 260.552



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



18, 14.886, 268.132



22, 21.972, 272.215



12, 27.379, 298.107



12, 1.467, 259.309



19, 35.206, 283.587



47, 70.053, 287.182

Inverse Universe

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



16, 21.180, 350.877



19, 30.484, 353.262



27, 23.735, 106.141



12, 2.025, 345.695



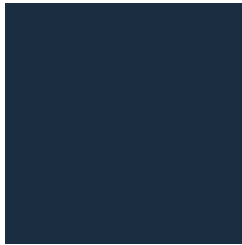
19, 41.751, 1.538



48, 76.676, 5.207

Previews

White Background



This preview shows how the CIE LCh color 18, 14.886, 268.132 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



This preview shows how the CIELCh color 18, 14.886, 268.132 looks on a 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

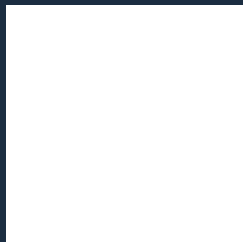
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 18, 14.886, 268.132

Background



This preview shows how black text looks on a background with the CIELCh color 18, 14.886, 268.132.



This preview shows how white text looks on a background with the CIELCh color 18, 14.886, 268.132.

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

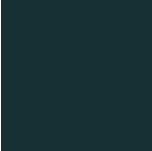
18, 14.886, 268.132

Protanopia

18, 14.611, 284.654

Deuteranopia

18, 15.458, 279.998



Tritanopia
18, 10.302, 213.248

Trichromacy



Original Color
18, 14.886, 268.132

Protanomaly
18, 14.233, 276.718

Deuteranomaly
18, 15.603, 277.582

Tritanomaly
18, 10.757, 238.405

Monochromacy



Original Color
18, 14.886, 268.132

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 5.450, 262.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 14.886, 268.132 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, 45, 65)` looks like.

```
.text, #text, p{  
    color:rgb(27, 45, 65)  
}
```

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, 45, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 45, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 14.886, 268.132 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, 45, 65) }
```

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

```
.border{ border-color:rgb(27, 45, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 45, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 45, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 45, 65);  
box-shadow:4px 4px 4px 4px rgb(27, 45, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 14.886, 268.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 45, 65) }
```

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

```
.background{ background-color: rgb(27, 45,  
65) }
```

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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