

Converting Colors

CIELCh(18, 14.186, 305.986)

Have a look what the booklet for
CIELCh(18, 14.186, 305.986)
contains.

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Color

CIELCh(18, 14.187, 305.408)

Conversions

Conversions Part 1

Format	Color
Hex	30293D
RGB	48, 41, 61
RGB Percent	19%, 16%, 24%
CMY	0.8130, 0.8404, 0.7621
CMYK	0.21, 0.33, 0.00, 0.76
HSL	261°, 20%, 20%
HSV	261°, 33%, 24%
XYZ	2.8190, 2.5180, 4.7052
YIQ	45.3730, -2.2480, 7.7040

Conversions

Conversions Part 2

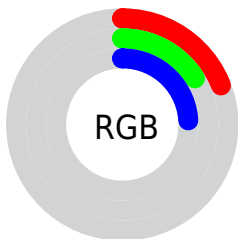
Format	Color
RYB	48, 41, 61
Decimal	3156285
CIELab	18.00, 8.22, -11.56
CIELCh	18, 14.187, 305.408
Yxy	2.5180, 0.2807, 0.2507
Android (android.graphics.Color)	4281346365 (0xFF30293D)
YUV	45.3730, 7.7041, 2.3039
Hunter-Lab	15.8683, 3.9413, -6.4726

Details

The CIELCh color **18, 14.187, 305.408** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 13.454, 122.120**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 13.974, 305.258**, and **1, 7.635, 288.097** is the 20% darker color. If you saturate the color by 10%, you get **16, 18.739, 306.050**, and if you desaturate by 10%, it is **20, 9.740, 304.814**.

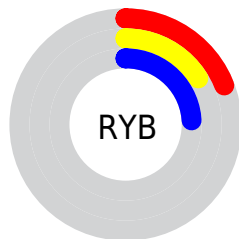
Distribution



 Red (19%)

 Green (16%)

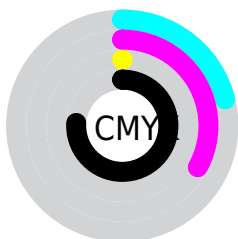
 Blue (24%)





 Red (19%)

 Yellow (16%)

 Blue (24%)

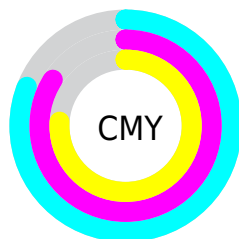


 Cyan (21%)


 Magenta (33%)

 Yellow (0%)

 Black (76%)



 Cyan (81%)

 Magenta (84%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 14.187, 305.408 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, 14.187, 305.408 by changing the saturation by 10% instead.

■ 18, 14.187,
305.408

■ 18, 14.187,
305.408

■ 100, 14.187,
305.408

■ 8, 14.187, 305.408

■ 38, 14.187,
305.408

■ 0, 14.187, 305.408

■ 48, 14.187,
305.408

■ 58, 14.187,
305.408


■ 68, 14.187,
305.408

■ 78, 14.187,
305.408


■ 88, 14.187,

305.408


 98, 14.187,
305.408

 18, 14.187,
305.408

 18, 14.187,
305.408


 16, 18.739,
306.050

 20, 9.740, 304.814

 13, 23.368,
306.730

 23, 5.414, 304.271

 25, 1.213, 303.767


 11, 28.017,
307.424

 27, 2.865, 123.367

 9, 32.584, 308.094

 30, 6.821, 122.976

 7, 36.807, 308.593

 32, 10.661,
122.633

 6, 40.270, 308.558

■ 4, 42.565, 308.418

■ 34, 14.390,
122.332

■ 36, 18.014,
122.068

■ 39, 21.539,
121.836

Harmonies

Complementary

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



18, 14.187, 305.408



24, 13.454, 122.120

Rectangle

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



18, 14.187, 305.408



18, 14.187, 355.408



18, 14.187, 125.408



18, 14.187, 175.408

Sweetspot

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



18, 14.186, 305.408



31, 5.202, 304.145



22, 6.968, 238.905



15, 3.584, 304.172



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



18, 14.186, 305.408



22, 21.740, 305.977



19, 15.496, 321.090



10, 2.326, 304.044



10, 61.688, 309.707



32, 116.015, 308.914

Inverse Universe

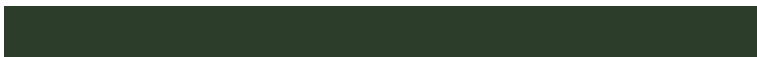
The Inverse Universe completely reimagines the original color for something new.



19, 12.731, 338.553



24, 19.239, 339.239



24, 15.334, 138.245



10, 2.138, 336.844



19, 43.851, 346.972



49, 80.478, 349.052

Previews

White Background



This preview shows how the CIELCh color 18, 14.187, 305.408 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

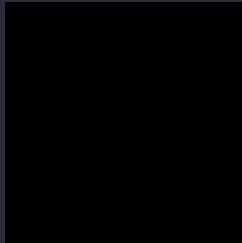
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 14.187, 305.408

Background



This preview shows how black text looks on a background with the CIELCh color 18, 14.187, 305.408.



This preview shows how white text looks on a background with the CIELCh color 18, 14.187, 305.408.

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, 14.187, 305.408

Protanopia

18, 13.892, 285.490

Deuteranopia

18, 11.154, 282.425



Tritanopia
18, 2.933, 309.363

Trichromacy



Original Color
18, 14.187, 305.408

Protanomaly
18, 13.842, 293.572

Deuteranomaly
18, 11.741, 291.054

Tritanomaly
18, 7.185, 306.346

Monochromacy



Original Color
18, 14.187, 305.408

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 5.715, 305.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 14.187, 305.408 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(48, 41, 61)` looks like.

```
.text, #text, p{  
    color:rgb(48, 41, 61)  
}
```

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(48, 41, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 41, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 14.187, 305.408 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(48, 41, 61) }
```

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

```
.border{ border-color:rgb(48, 41, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 41, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 41, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 41, 61);  
box-shadow:4px 4px 4px 4px rgb(48, 41, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 14.187, 305.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 41, 61) }
```

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

```
.background{ background-color: rgb(48, 41,  
61) }
```

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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