

Converting Colors

CIELCh(18, 14.714, 278.354)

Have a look what the booklet for
CIELCh(18, 14.714, 278.354)
contains.

CIELCh(18, 14.804, 279.074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(18, 14.804, 279.074)

Conversions

Conversions Part 1

Format	Color
Hex	222C41
RGB	34, 44, 65
RGB Percent	13%, 17%, 25%
CMY	0.8669, 0.8276, 0.7453
CMYK	0.48, 0.32, 0.00, 0.75
HSL	221°, 31%, 19%
HSV	221°, 48%, 25%
XYZ	2.5095, 2.5180, 5.3469
YIQ	43.4040, -12.7010, 4.4110

Conversions

Conversions Part 2

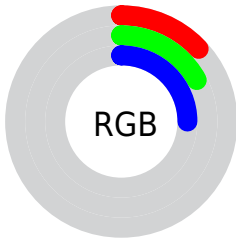
Format	Color
RYB	34, 42, 65
Decimal	2239553
CIELab	18.00, 2.33, -14.62
CIELCh	18, 14.804, 279.074
Yxy	2.5180, 0.2419, 0.2427
Android (android.graphics.Color)	4280429633 (0xFF222C41)
YUV	43.4040, 10.6468, -8.2473
Hunter-Lab	15.8683, 0.4598, -8.8703




Details

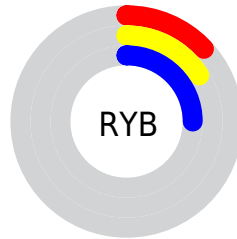
The CIELCh color **18, 14.804, 279.074** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 14.819, 86.516**, and the grayscale version is **18, 0.003, 296.813**.




A 20% lighter version of the original color is **38, 15.035, 279.721**, and **1, 10.257, 288.629** is the 20% darker color. If you saturate the color by 10%, you get **16, 18.059, 281.234**, and if you desaturate by 10%, it is **20, 11.608, 277.183**.

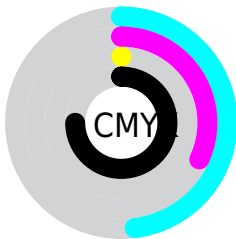
Distribution







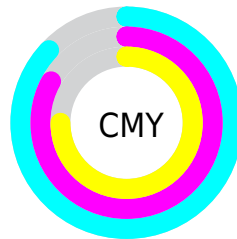
-  Red (13%)
-  Green (17%)
-  Blue (25%)






-  Red (13%)
-  Yellow (16%)
-  Blue (25%)



-  Cyan (48%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (87%)
-  Magenta (83%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 14.804, 279.074 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, 14.804, 279.074 by changing the saturation by 10% instead.

■ 18, 14.804,
279.074

■ 18, 14.804,
279.074

■ 100, 14.804,
279.074

■ 8, 14.804, 279.074

■ 38, 14.804,
279.074

■ 0, 14.804, 279.074

■ 48, 14.804,
279.074

■ 58, 14.804,
279.074

■ 68, 14.804,
279.074

■ 78, 14.804,
279.074

■ 88, 14.804,

279.074

98, 14.804,
279.074

18, 14.804,
279.074

18, 14.804,
279.074

16, 18.059,
281.234

20, 11.608,
277.183

14, 21.385,
283.681

22, 8.467, 275.536

12, 24.791,
286.408

24, 5.373, 274.104

26, 2.327, 272.874

10, 28.286,
289.337

28, 0.674, 91.573

9, 31.902, 291.864

30, 3.630, 90.733

■ 8, 32.741, 292.370

■ 32, 6.541, 89.890

■ 34, 9.406, 89.135

■ 36, 12.226, 88.460

Harmonies

Complementary

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



18, 14.804, 279.074



24, 14.819, 86.516

Rectangle

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



18, 14.804, 279.074



18, 14.804, 329.074



18, 14.804, 99.074



18, 14.804, 149.074

Sweetspot

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



18, 14.804, 279.074



32, 5.253, 273.697



25, 14.702, 169.311



15, 3.661, 273.828



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, 14.804, 279.074



22, 22.153, 281.625



15, 21.982, 300.760



12, 1.705, 272.966



15, 45.842, 294.833



38, 91.505, 297.637

Inverse Universe

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



18, 16.350, 359.507



22, 24.196, 1.457



26, 19.838, 113.698



12, 1.849, 355.033



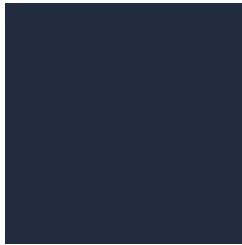
19, 42.110, 15.200



47, 79.097, 19.826

Previews

White Background



This preview shows how the CIELCh color 18, 14.804, 279.074 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, 14.804, 279.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

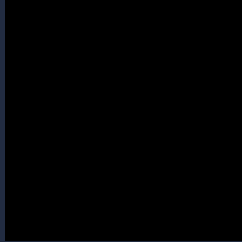
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 14.804, 279.074

Background



This preview shows how black text looks on a background with the CIELCh color 18, 14.804, 279.074.



This preview shows how white text looks on a background with the CIELCh color 18, 14.804, 279.074.

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

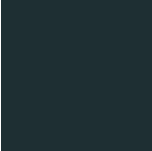
18, 14.804, 279.074

Protanopia

18, 14.611, 284.654

Deuteranopia

18, 14.734, 280.397



Tritanopia
18, 7.481, 219.934

Trichromacy



Original Color
18, 14.804, 279.074

Protanomaly
18, 14.661, 283.243

Deuteranomaly
18, 14.734, 280.397

Tritanomaly
18, 8.934, 249.639

Monochromacy



Original Color
18, 14.804, 279.074

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 5.667, 278.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 14.804, 279.074 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, 44, 65)` looks like.

```
.text, #text, p{  
    color:rgb(34, 44, 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(34, 44, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 44, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 14.804, 279.074 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, 44, 65) }
```

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

```
.border{ border-color:rgb(34, 44, 65) }
```

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

Here you see how a box with a 4 pixel rgb(34, 44, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 44, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 44, 65);  
box-shadow:4px 4px 4px 4px rgb(34, 44, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 14.804, 279.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 44, 65) }
```

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

```
.background{ background-color: rgb(34, 44,  
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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