

Converting Colors

CIELCh(19, 13.074, 262.529)

Have a look what the booklet for
CIELCh(19, 13.074, 262.529)
contains.

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Color

CIELCh(19, 13.074, 262.529)

Conversions

Conversions Part 1

Format	Color
Hex	1E3041
RGB	30, 48, 65
RGB Percent	12%, 19%, 25%
CMY	0.8833, 0.8126, 0.7460
CMYK	0.54, 0.26, 0.00, 0.75
HSL	209°, 37%, 19%
HSV	209°, 54%, 25%
XYZ	2.5235, 2.7468, 5.3619
YIQ	44.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

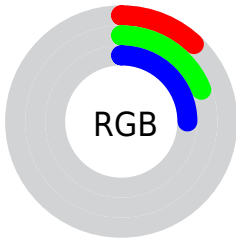
Format	Color
RYB	30, 42, 65
Decimal	1978433
CIELab	19.00, -1.70, -12.96
CIELCh	19, 13.074, 262.529
Yxy	2.7468, 0.2373, 0.2583
Android (android.graphics.Color)	4280168513 (0xFF1E3041)
YUV	44.5560, 10.0789, -12.7656
Hunter-Lab	16.5735, -1.8251, -7.5803

Details

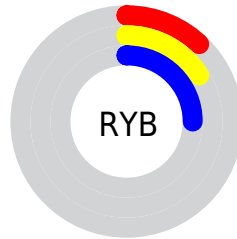
The CIELCh color **19, 13.074, 262.529** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21, 15.198, 68.025**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 13.134, 261.826**, and **1, 10.980, 288.731** is the 20% darker color. If you saturate the color by 10%, you get **18, 15.345, 265.081**, and if you desaturate by 10%, it is **21, 10.751, 260.332**.

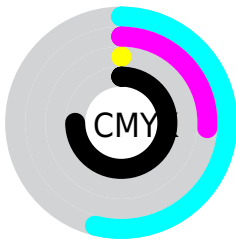
Distribution



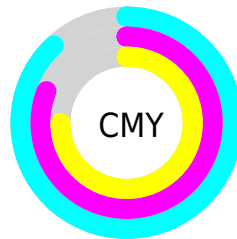
- Red (12%)
- Green (19%)
- Blue (25%)



- Red (12%)
- Yellow (16%)
- Blue (25%)



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (75%)



- Cyan (88%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 13.074, 262.529 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 19, 13.074, 262.529 by changing the saturation by 10% instead.

■ 19, 13.074,
262.529

■ 19, 13.074,
262.529

■ 100, 13.074,
262.529

■ 9, 13.074, 262.529

■ 39, 13.074,
262.529

■ 0, 13.074, 262.529

■ 49, 13.074,
262.529


■ 59, 13.074,
262.529


■ 69, 13.074,
262.529


■ 79, 13.074,
262.529


■ 89, 13.074,


262.529


 99, 13.074,
262.529

 19, 13.074,
262.529


 19, 13.074,
262.529

 18, 15.345,
265.081

 21, 10.751,
260.332


 16, 17.571,
268.020

 22, 8.377, 258.453


 15, 19.768,
271.351

 24, 5.958, 256.848

 25, 3.501, 255.486

 13, 22.016,
274.573

 27, 1.014, 254.417

 13, 23.413,
276.200

 28, 1.494, 73.109

■ 30, 4.015, 72.290

■ 32, 6.543, 71.529

■ 33, 9.070, 70.853

Harmonies

Complementary

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



19, 13.074, 262.529



21, 15.198, 68.025

Rectangle

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



19, 13.074, 262.529



19, 13.074, 312.529



19, 13.074, 82.529



19, 13.074, 132.529

Sweetspot

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



19, 13.074, 262.529



33, 4.954, 255.824



24, 19.147, 157.895



16, 3.373, 255.927



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



19, 13.074, 262.529



23, 19.297, 266.135



13, 24.609, 296.350



12, 1.419, 254.843



21, 32.530, 279.423



49, 64.463, 283.223

Inverse Universe

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



17, 20.057, 347.750



20, 29.263, 349.629



26, 21.710, 104.920



12, 2.083, 343.427



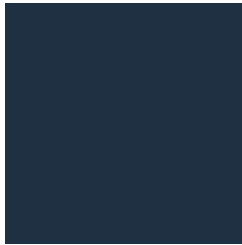
19, 42.134, 357.904



48, 77.057, 1.196

Previews

White Background



This preview shows how the CIE LCh color 19, 13.074, 262.529 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 19, 13.074, 262.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

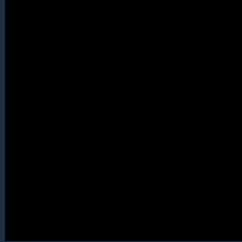
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

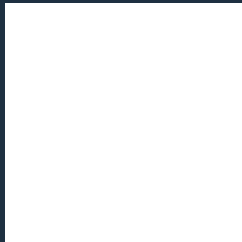
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 19, 13.074, 262.529

Background



This preview shows how black text looks on a background with the CIELCh color 19, 13.074, 262.529.



This preview shows how white text looks on a background with the CIELCh color 19, 13.074, 262.529.

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

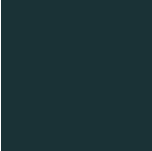
19, 13.074, 262.529

Protanopia

19, 11.750, 283.126

Deuteranopia

19, 13.198, 281.354



Tritanopia
19, 9.726, 214.225

Trichromacy



Original Color
19, 13.074, 262.529

Protanomaly
19, 12.110, 274.201

Deuteranomaly
19, 12.841, 273.946

Tritanomaly
19, 10.186, 235.750

Monochromacy



Original Color
19, 13.074, 262.529

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 5.418, 262.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 13.074, 262.529 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(30, 48, 65)` looks like.

```
.text, #text, p{  
    color:rgb(30, 48, 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(30, 48, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 48, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 13.074, 262.529 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(30, 48, 65) }
```

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

```
.border{ border-color:rgb(30, 48, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 48, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 48, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 48, 65);  
box-shadow:4px 4px 4px 4px rgb(30, 48, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 13.074, 262.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 48, 65) }
```

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

```
.background{ background-color: rgb(30, 48,  
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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