

Converting Colors

CIELCh(18, 24.778, 323.930)

Have a look what the booklet for
CIELCh(18, 24.778, 323.930)
contains.

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Color

CIELCh(18, 24.778, 323.930)

Conversions

Conversions Part 1

Format	Color
Hex	3E2141
RGB	62, 33, 65
RGB Percent	24%, 13%, 25%
CMY	0.7559, 0.8696, 0.7441
CMYK	0.05, 0.49, 0.00, 0.74
HSL	294°, 33%, 19%
HSV	294°, 49%, 26%
XYZ	3.5148, 2.5180, 5.3403
YIQ	45.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

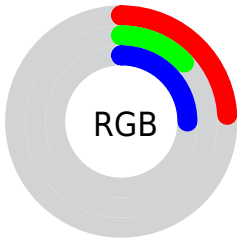
Format	Color
R _Y B	62, 33, 65
Decimal	4071745
CIE Lab	18.00, 20.03, -14.59
CIE LCh	18, 24.778, 323.930
Yxy	2.5180, 0.3090, 0.2214
Android (android.graphics.Color)	4282261825 (0xFF3E2141)
YUV	45.3190, 9.7027, 14.6292
Hunter-Lab	15.8683, 11.7672, -8.8457

Details

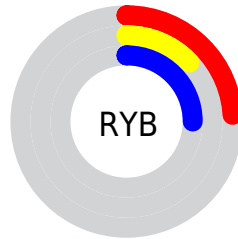
The CIELCh color **18, 24.778, 323.930** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 24.638, 139.023**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 24.907, 323.550**, and **1, 11.573, 312.327** is the 20% darker color. If you saturate the color by 10%, you get **16, 29.418, 324.269**, and if you desaturate by 10%, it is **20, 19.863, 323.546**.

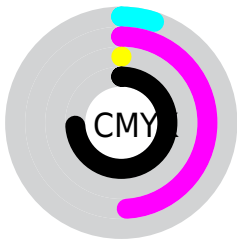
Distribution



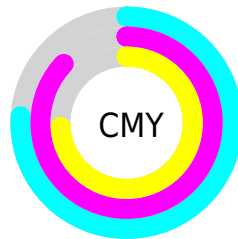
- Red (24%)
- Green (13%)
- Blue (25%)



- Red (24%)
- Yellow (13%)
- Blue (25%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (74%)





- Cyan (76%)
- Magenta (87%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 24.778, 323.930 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, 24.778, 323.930 by changing the saturation by 10% instead.

 18, 24.778,
323.930

 18, 24.778,
323.930

 100, 24.778,
323.930


 8, 24.778, 323.930

 38, 24.778,
323.930

 0, 24.778, 323.930

 48, 24.778,
323.930


 58, 24.778,
323.930


 68, 24.778,
323.930


 78, 24.778,
323.930


 88, 24.778,


323.930


 98, 24.778,
323.930


 18, 24.778,
323.930


 18, 24.778,
323.930

 16, 29.418,
324.269


 20, 19.863,
323.546

 15, 33.637,
324.545

 22, 14.800,
323.133


 14, 37.270,
324.738

 24, 9.682, 322.702

 13, 40.268,
324.847

 26, 4.577, 322.259

 28, 0.466, 142.085

 12, 43.397,
324.990

 30, 5.418, 141.460

■ 11, 43.708,
325.007

■ 32, 10.259,
141.050

■ 34, 14.978,
140.664

■ 36, 19.572,
140.300

Harmonies

Complementary

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



18, 24.778, 323.930



25, 24.638, 139.023

Rectangle

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



18, 24.778, 323.930



18, 24.778, 13.930



18, 24.778, 143.930



18, 24.778, 193.930

Sweetspot

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



18, 24.777, 323.930



32, 9.399, 322.552



15, 20.260, 292.139



15, 6.472, 322.591



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, 24.777, 323.930



22, 36.149, 324.341



18, 19.364, 342.428



12, 2.846, 322.235



20, 57.208, 324.813



50, 105.580, 324.554

Inverse Universe

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



17, 16.464, 16.857



21, 24.988, 19.209



25, 18.867, 154.532



12, 1.699, 12.187



18, 46.522, 31.476



47, 90.971, 36.712

Previews

White Background



This preview shows how the CIELCh color 18, 24.778, 323.930 looks on a white background.

Color Contrast Check

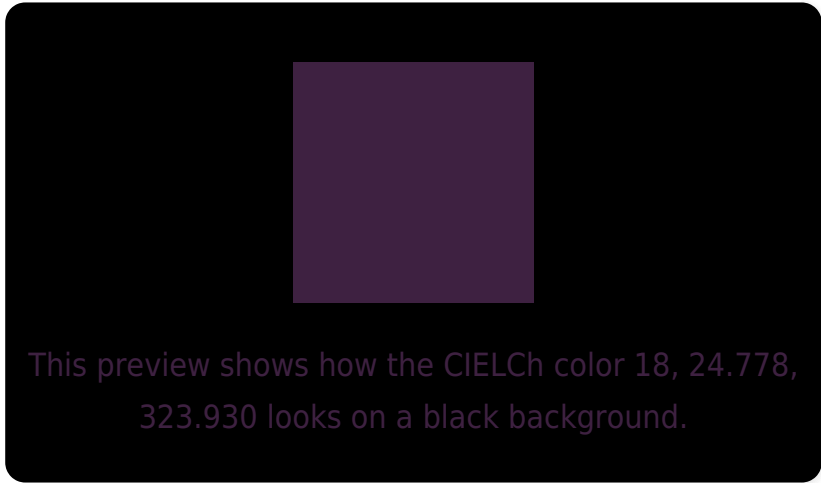
Large Text (above 18pt) WCAG AA ✓ Pass

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

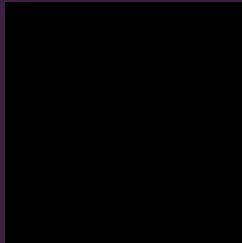
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 24.778, 323.930

Background



This preview shows how black text looks on a background with the CIELCh color 18, 24.778, 323.930.



This preview shows how white text looks on a background with the CIELCh color 18, 24.778, 323.930.

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, 24.778, 323.930

Protanopia

18, 20.828, 283.862

Deuteranopia

18, 13.223, 283.129



Tritanopia
18, 10.111, 10.277

Trichromacy



Original Color
18, 24.778, 323.930

Protanomaly
18, 21.496, 298.244

Deuteranomaly
18, 16.913, 303.796

Tritanomaly
18, 13.883, 343.194

Monochromacy



Original Color
18, 24.778, 323.930

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 9.698, 323.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 24.778, 323.930 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(62, 33, 65)` looks like.

```
.text, #text, p{  
    color:rgb(62, 33, 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(62, 33, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 33, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 24.778, 323.930 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(62, 33, 65) }
```

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

```
.border{ border-color:rgb(62, 33, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 33, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 33, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 33, 65);  
box-shadow:4px 4px 4px 4px rgb(62, 33, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 24.778, 323.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 33, 65) }
```

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

```
.background{ background-color: rgb(62, 33,  
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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