

Converting Colors

CIELCh(18, 22.074, 328.619)

Have a look what the booklet for
CIELCh(18, 22.074, 328.619)
contains.

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Color

CIELCh(18, 22.074, 328.619)

Conversions

Conversions Part 1

Format	Color
Hex	3F223D
RGB	63, 34, 61
RGB Percent	25%, 13%, 24%
CMY	0.7537, 0.8674, 0.7616
CMYK	0.00, 0.46, 0.03, 0.75
HSL	304°, 30%, 19%
HSV	304°, 46%, 25%
XYZ	3.4404, 2.5180, 4.6914
YIQ	45.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

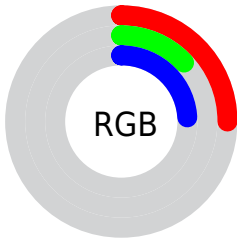
Format	Color
R_{YB}	63, 34, 61
Decimal	4137533
CIE _{Lab}	18.00, 18.85, -11.49
CIE _{LCh}	18, 22.074, 328.619
Yxy	2.5180, 0.3230, 0.2364
Android (android.graphics.Color)	4282327613 (0xFF3F223D)
YUV	45.7490, 7.5187, 15.1291
Hunter-Lab	15.8683, 10.9309, -6.4212

Details

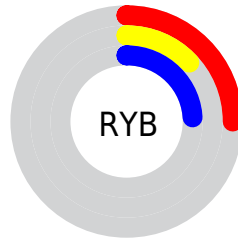
The CIELCh color **18, 22.074, 328.619** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 22.115, 143.217**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 22.415, 327.703**, and **1, 9.587, 322.456** is the 20% darker color. If you saturate the color by 10%, you get **16, 26.459, 329.086**, and if you desaturate by 10%, it is **20, 17.426, 328.133**.

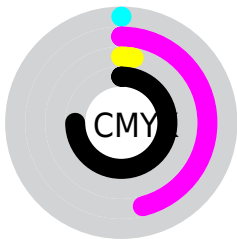
Distribution



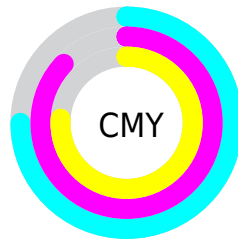
- Red (25%)
- Green (13%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (3%)
- Black (75%)





- Cyan (75%)
- Magenta (87%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 22.074, 328.619 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, 22.074, 328.619 by changing the saturation by 10% instead.

 18, 22.074,
328.619

 18, 22.074,
328.619

 100, 22.074,
328.619

 8, 22.074, 328.619


 38, 22.074,
328.619

 0, 22.074, 328.619

 48, 22.074,
328.619

 58, 22.074,
328.619


 68, 22.074,
328.619


 78, 22.074,
328.619


 88, 22.074,


328.619


 98, 22.074,
328.619


 18, 22.074,
328.619


 18, 22.074,
328.619

 16, 26.459,
329.086


 20, 17.426,
328.133

 15, 30.445,
329.527


 21, 12.634,
327.635

 14, 33.881,
329.936

 23, 7.788, 327.131

 13, 36.646,
330.310

 25, 2.953, 326.610

 12, 39.335,
330.664

 27, 1.823, 146.230

 29, 6.510, 145.707

■ 12, 40.436,
330.797

■ 31, 11.090,
145.240

■ 34, 15.552,
144.796

■ 36, 19.892,
144.372

Harmonies

Complementary

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



18, 22.074, 328.619



24, 22.115, 143.217

Rectangle

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



18, 22.074, 328.619



18, 22.074, 18.619



18, 22.074, 148.619



18, 22.074, 198.619

Sweetspot

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



18, 22.073, 328.619



31, 8.388, 327.052



15, 20.557, 297.542



14, 5.694, 327.096



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, 22.073, 328.619



22, 32.152, 329.143



17, 16.092, 351.763



10, 2.609, 326.731



20, 53.086, 330.976



52, 98.495, 331.213

Inverse Universe

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



18, 22.073, 328.619



22, 32.152, 329.143



24, 15.044, 163.303



10, 2.609, 326.731



20, 53.086, 330.976



52, 98.495, 331.213

Previews

White Background



This preview shows how the CIE LCh color 18, 22.074, 328.619 looks on a white background.

Color Contrast Check

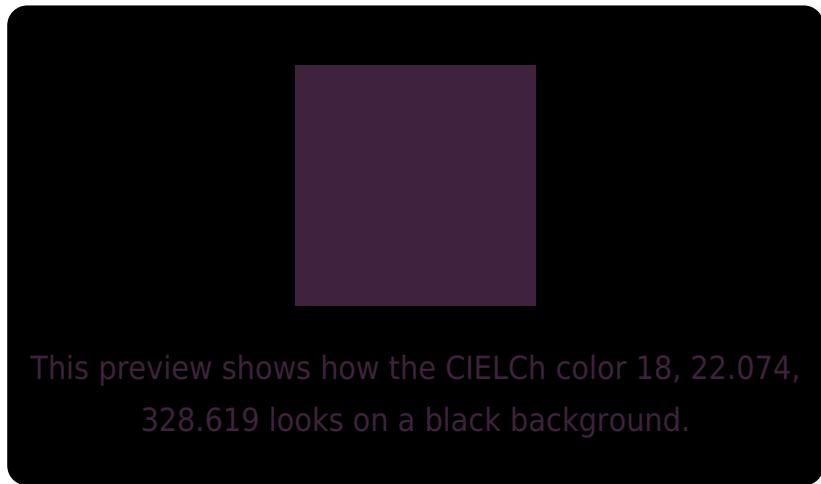
Large Text (above 18pt) WCAG AA ✓ Pass

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

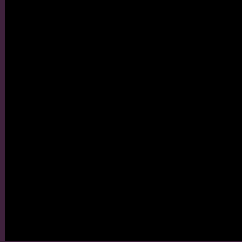
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 22.074, 328.619

Background



This preview shows how black text looks on a background with the CIELCh color 18, 22.074, 328.619.



This preview shows how white text looks on a background with the CIELCh color 18, 22.074, 328.619.

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, 22.074, 328.619

Protanopia

18, 17.331, 284.592

Deuteranopia

18, 10.380, 285.851



Tritanopia
18, 11.147, 11.684

Trichromacy



Original Color
18, 22.074, 328.619

Protanomaly
18, 18.204, 301.966

Deuteranomaly
18, 14.419, 308.798

Tritanomaly
18, 14.299, 348.256

Monochromacy



Original Color
18, 22.074, 328.619

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 7.750, 328.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 22.074, 328.619 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(63, 34, 61)` looks like.

```
.text, #text, p{  
    color:rgb(63, 34, 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(63, 34, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 34, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 22.074, 328.619 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(63, 34, 61) }
```

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

```
.border{ border-color:rgb(63, 34, 61) }
```

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

Here you see how a box with a 4 pixel rgb(63, 34, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 34, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 34, 61);  
box-shadow:4px 4px 4px 4px rgb(63, 34, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 22.074, 328.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 34, 61) }
```

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

```
.background{ background-color: rgb(63, 34,  
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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