

Converting Colors

CIELCh(17, 13.240, 209.203)

Have a look what the booklet for
CIELCh(17, 13.240, 209.203)
contains.

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Color

CIELCh(17, 13.240, 209.204)

Conversions

Conversions Part 1

Format	Color
Hex	082F33
RGB	8, 47, 51
RGB Percent	3%, 18%, 20%
CMY	0.9697, 0.8165, 0.8009
CMYK	0.85, 0.08, 0.00, 0.80
HSL	186°, 74%, 11%
HSV	186°, 85%, 20%
XYZ	1.6971, 2.3023, 3.4614
YIQ	35.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

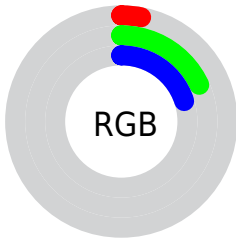
Format	Color
R_{YB}	8, 28, 51
Decimal	536371
CIE _{Lab}	17.00, -11.56, -6.46
CIE _{LCh}	17, 13.240, 209.204
Yxy	2.3023, 0.2275, 0.3086
Android (android.graphics.Color)	4278726451 (0xFF082F33)
YUV	35.7950, 7.4961, -24.3762
Hunter-Lab	15.1734, -6.5892, -2.9038

Details

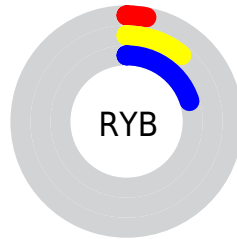
The CIELCh color **17, 13.240, 209.204** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9, 22.017, 28.132**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 13.357, 208.538**, and **0, 1.613, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **17, 14.097, 209.710**, and if you desaturate by 10%, it is **17, 12.383, 208.614**.

Distribution



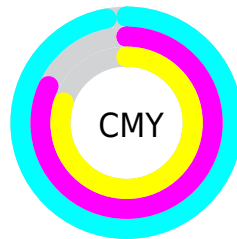
- Red (3%)
- Green (18%)
- Blue (20%)



- Red (3%)
- Yellow (11%)
- Blue (20%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (80%)



- Cyan (97%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 13.240, 209.204 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 17, 13.240, 209.204 by changing the saturation by 10% instead.

■ 17, 13.240,
209.204

■ 17, 13.240,
209.204

■ 100, 13.240,
209.204

■ 7, 13.240, 209.204

■ 37, 13.240,
209.204

■ 0, 13.240, 209.204

■ 47, 13.240,
209.204


■ 57, 13.240,
209.204


■ 67, 13.240,
209.204


■ 77, 13.240,
209.204


■ 87, 13.240,


209.204


 97, 13.240,
209.204


 17, 13.240,
209.204


 17, 13.240,
209.204

 17, 14.097,
209.710

 17, 12.383,
208.614

 16, 14.563,
209.928

 18, 11.321,
208.160

 18, 10.036,
207.851

 19, 8.547, 207.668

 19, 6.877, 207.595

 20, 5.050, 207.615

■ 20, 3.090, 207.727

■ 21, 1.022, 208.013

■ 21, 1.135, 27.810

Harmonies

Complementary

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



17, 13.240, 209.204



9, 22.017, 28.132

Rectangle

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



17, 13.240, 209.204



17, 13.240, 259.204



17, 13.240, 29.204



17, 13.240, 79.204

Sweetspot

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



17, 13.240, 209.203



26, 6.344, 207.606



18, 31.281, 140.405



12, 4.227, 207.604



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



17, 13.240, 209.203



22, 17.224, 210.733



9, 19.056, 279.952



9, 1.176, 207.869



31, 20.985, 211.488



73, 39.672, 212.965

Inverse Universe

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



10, 30.461, 331.018



13, 41.189, 331.814



14, 18.966, 72.640



8, 2.190, 327.418



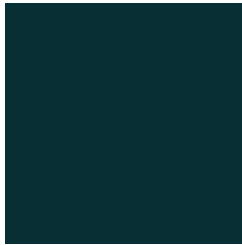
19, 50.208, 331.998



50, 94.967, 332.360

Previews

White Background



This preview shows how the CIELCh color 17, 13.240, 209.204 looks on a white background.

Color Contrast Check

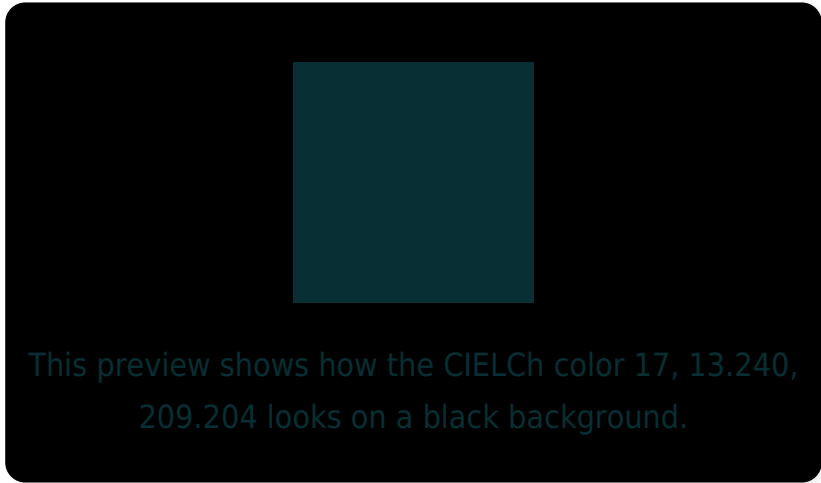
Large Text (above 18pt) WCAG AA ✓ Pass

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

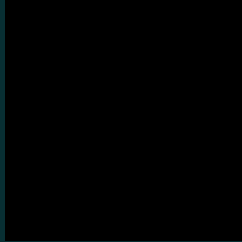
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

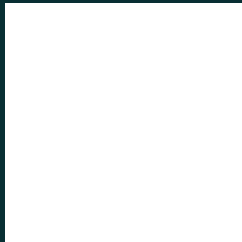
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 13.240, 209.204

Background



This preview shows how black text looks on a background with the CIELCh color 17, 13.240, 209.204.

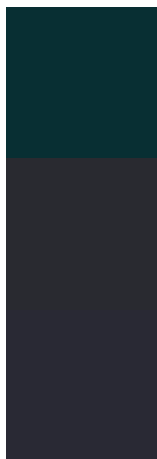


This preview shows how white text looks on a background with the CIELCh color 17, 13.240, 209.204.

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

17, 13.240, 209.204

Protanopia

17, 4.187, 285.046

Deuteranopia

17, 7.664, 292.144



Tritanopia
17, 13.428, 208.997

Trichromacy



Original Color
17, 13.240, 209.204

Protanomaly
17, 7.057, 228.059

Deuteranomaly
17, 8.282, 248.290

Tritanomaly
17, 13.428, 208.997

Monochromacy



Original Color
17, 13.240, 209.204

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 6.179, 204.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 13.240, 209.204 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(8, 47, 51)` looks like.

```
.text, #text, p{  
    color:rgb(8, 47, 51)  
}
```

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(8, 47, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 47, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 13.240, 209.204 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(8, 47, 51) }
```

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

```
.border{ border-color:rgb(8, 47, 51) }
```

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

Here you see how a box with a 4 pixel rgb(8, 47, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 47, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 47, 51); box-shadow:4px  
4px 4px 4px rgb(8, 47, 51) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 13.240, 209.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 47, 51) }
```

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

```
.background{ background-color: rgb(8, 47,  
51) }
```

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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