

Converting Colors

CIELCh(17, 20.398, 266.867)

Have a look what the booklet for
CIELCh(17, 20.398, 266.867)
contains.

CIELCh(17, 20.424, 266.604)	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(17, 20.424, 266.604)

Conversions

Conversions Part 1

Format	Color
Hex	082C47
RGB	8, 44, 71
RGB Percent	3%, 17%, 28%
CMY	0.9690, 0.8277, 0.7218
CMYK	0.89, 0.38, 0.00, 0.72
HSL	206°, 80%, 15%
HSV	206°, 89%, 28%
XYZ	2.1329, 2.3023, 6.2828
YIQ	36.3140, -30.1230, 0.7650

Conversions

Conversions Part 2

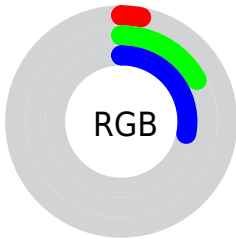
Format	Color
R_{YB}	8, 31, 71
Decimal	535623
CIE _{Lab}	17.00, -1.21, -20.39
CIE _{LCh}	17, 20.424, 266.604
Yxy	2.3023, 0.1990, 0.2148
Android (android.graphics.Color)	4278725703 (0xFF082C47)
YUV	36.3140, 17.1002, -24.8314
Hunter-Lab	15.1734, -1.4617, -13.9284

Details

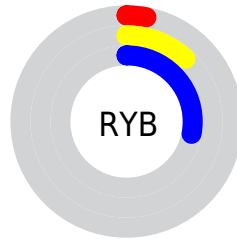
The CIELCh color **17, 20.424, 266.604** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18, 27.747, 57.632**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 20.709, 267.570**, and **1, 14.936, 289.238** is the 20% darker color. If you saturate the color by 10%, you get **16, 22.482, 269.850**, and if you desaturate by 10%, it is **18, 18.448, 262.970**.

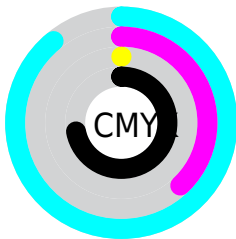
Distribution



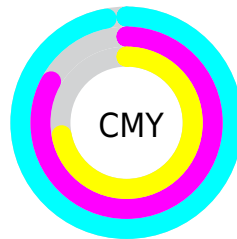
- Red (3%)
- Green (17%)
- Blue (28%)



- Red (3%)
- Yellow (12%)
- Blue (28%)



- Cyan (89%)
- Magenta (38%)
- Yellow (0%)
- Black (72%)



- Cyan (97%)
- Magenta (83%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 20.424, 266.604 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, 20.424, 266.604 by changing the saturation by 10% instead.

■ 17, 20.424,
266.604

■ 17, 20.424,
266.604

■ 100, 20.424,
266.604

■ 7, 20.424, 266.604

■ 37, 20.424,
266.604

■ 0, 20.424, 266.604

■ 47, 20.424,
266.604


■ 57, 20.424,
266.604


■ 67, 20.424,
266.604

■ 77, 20.424,
266.604


■ 87, 20.424,


266.604

 97, 20.424,
266.604


 17, 20.424,
266.604


 17, 20.424,
266.604


 16, 22.482,
269.850

 18, 18.448,
262.970

 16, 22.728,
270.188

 20, 16.414,
259.734

 21, 14.290,
256.945

 23, 12.067,
254.570

 24, 9.747, 252.563

■ 26, 7.337, 250.872

■ 27, 4.850, 249.453

■ 29, 2.300, 248.287

■ 30, 0.300, 66.496

Harmonies

Complementary

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



17, 20.424, 266.604



18, 27.747, 57.632

Rectangle

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



17, 20.424, 266.604



17, 20.424, 316.604



17, 20.424, 86.604



17, 20.424, 136.604

Sweetspot

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



17, 20.424, 266.605



34, 8.515, 250.751



26, 33.168, 149.545



15, 5.644, 250.952



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



17, 20.424, 266.605



21, 27.919, 272.314



7, 42.384, 301.242



13, 1.458, 248.262



23, 29.768, 272.880



53, 57.822, 276.789

Inverse Universe

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



14, 32.522, 349.718



18, 41.434, 352.876



27, 33.313, 98.666



13, 2.309, 340.522



20, 43.734, 353.231



49, 78.942, 355.889

Previews

White Background



This preview shows how the CIELCh color 17, 20.424, 266.604 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 17, 20.424, 266.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

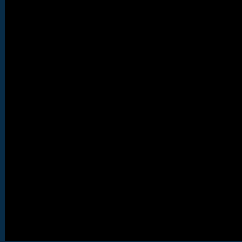
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 20.424, 266.604

Background



This preview shows how black text looks on a background with the CIELCh color 17, 20.424, 266.604.



This preview shows how white text looks on a background with the CIELCh color 17, 20.424, 266.604.

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, 20.424, 266.604

Protanopia

17, 19.558, 285.717

Deuteranopia

17, 20.112, 275.731



Tritanopia
17, 14.863, 204.757

Trichromacy



Original Color
17, 20.424, 266.604

Protanomaly
17, 20.036, 277.337

Deuteranomaly
17, 20.436, 272.688

Tritanomaly
17, 14.745, 232.286

Monochromacy



Original Color
17, 20.424, 266.604

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 8.623, 254.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 20.424, 266.604 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, 44, 71)` looks like.

```
.text, #text, p{  
    color:rgb(8, 44, 71)  
}
```

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, 44, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 44, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 20.424, 266.604 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, 44, 71) }
```

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

```
.border{ border-color:rgb(8, 44, 71) }
```

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

Here you see how a box with a 4 pixel rgb(8, 44, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 44, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 44, 71); box-shadow:4px  
4px 4px 4px rgb(8, 44, 71) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 20.424, 266.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 44, 71) }
```

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

```
.background{ background-color: rgb(8, 44,  
71) }
```

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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