

Converting Colors

CIELCh(17, 9.715, 238.767)

Have a look what the booklet for
CIELCh(17, 9.715, 238.767) contains.

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Color

CIELCh(17, 9.710, 238.627)

Conversions

Conversions Part 1

Format	Color
Hex	192D36
RGB	25, 45, 54
RGB Percent	10%, 18%, 21%
CMY	0.9039, 0.8254, 0.7902
CMYK	0.54, 0.17, 0.00, 0.79
HSL	199°, 37%, 15%
HSV	199°, 54%, 21%
XYZ	1.9632, 2.3023, 3.7701
YIQ	40.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

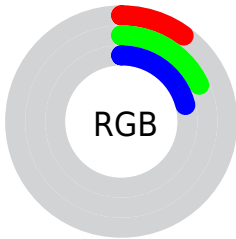
Format	Color
R_{YB}	25, 37, 54
Decimal	1649974
CIE Lab	17.00, -5.06, -8.29
CIE LCh	17, 9.710, 238.627
Yxy	2.3023, 0.2443, 0.2865
Android (android.graphics.Color)	4279840054 (0xFF192D36)
YUV	40.0460, 6.8793, -13.1953
Hunter-Lab	15.1734, -3.4587, -4.1102

Details

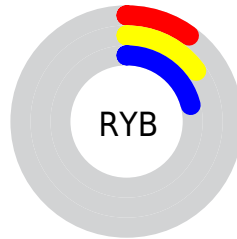
The CIELCh color **17, 9.710, 238.627** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15, 12.972, 50.161**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 9.886, 237.467**, and **0, 3.629, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **16, 11.128, 240.543**, and if you desaturate by 10%, it is **18, 8.153, 237.043**.

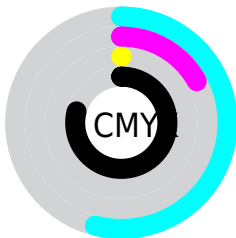
Distribution



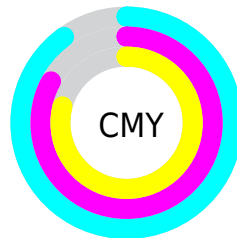
- Red (10%)
- Green (18%)
- Blue (21%)



- Red (10%)
- Yellow (15%)
- Blue (21%)



- Cyan (54%)
- Magenta (17%)
- Yellow (0%)
- Black (79%)



- Cyan (90%)
- Magenta (83%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 9.710, 238.627 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, 9.710, 238.627 by changing the saturation by 10% instead.

■ 17, 9.710, 238.627

■ 17, 9.710, 238.627

■ 100, 9.710,
238.627

■ 7, 9.710, 238.627

■ 37, 9.710, 238.627

■ 0, 9.710, 238.627

■ 47, 9.710, 238.627

■ 57, 9.710, 238.627

■ 67, 9.710, 238.627

■ 77, 9.710, 238.627

■ 87, 9.710, 238.627

■ 97, 9.710, 238.627

■ 17, 9.710, 238.627

■ 17, 9.710, 238.627

■ 16, 11.128,
240.543

■ 18, 8.153, 237.043

■ 15, 12.401,
242.851

■ 19, 6.472, 235.744

■ 14, 13.535,
245.558

■ 20, 4.682, 234.684

■ 14, 14.691,
247.970

■ 22, 0.842, 233.278

■ 13, 15.397,
249.142

■ 23, 1.178, 52.281

■ 24, 3.246, 51.903

■ 25, 5.352, 51.527

■ 26, 7.485, 51.208

Harmonies

Complementary

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



17, 9.710, 238.627



15, 12.972, 50.161

Rectangle

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



17, 9.710, 238.627



17, 9.710, 288.627



17, 9.710, 58.627



17, 9.710, 108.627

Sweetspot

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



17, 9.710, 238.625



27, 3.880, 234.034



20, 19.049, 150.097



13, 2.644, 234.069



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



17, 9.710, 238.625



21, 13.724, 241.408



12, 16.846, 287.802



8, 1.058, 233.432



24, 22.354, 253.867



59, 44.251, 258.527

Inverse Universe

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



13, 19.112, 338.254



16, 27.544, 339.419



20, 15.825, 94.963



8, 1.877, 335.111



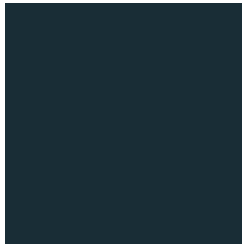
18, 43.245, 344.017



48, 80.982, 345.865

Previews

White Background



This preview shows how the CIELCh color 17, 9.710, 238.627 looks on a white background.

Color Contrast Check

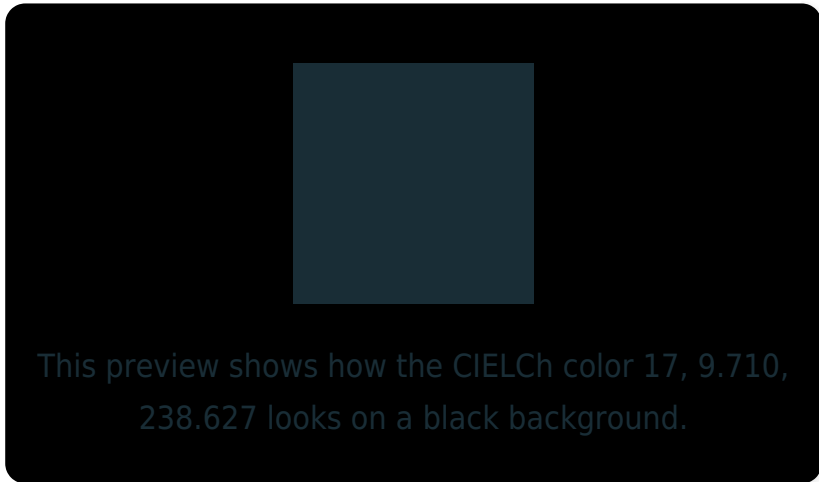
Large Text (above 18pt) WCAG AA ✓ Pass

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

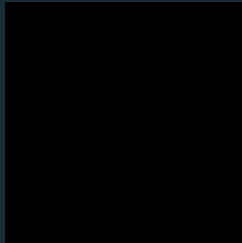
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

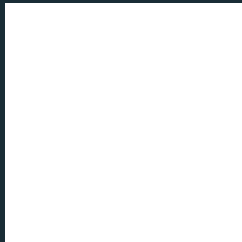
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 9.710, 238.627

Background



This preview shows how black text looks on a background with the CIELCh color 17, 9.710, 238.627.



This preview shows how white text looks on a background with the CIELCh color 17, 9.710, 238.627.

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

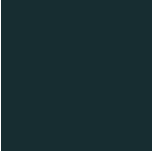
17, 9.710, 238.627

Protanopia

17, 6.975, 288.373

Deuteranopia

17, 9.076, 287.131



Tritanopia
17, 9.103, 215.714

Trichromacy



Original Color

17, 9.710, 238.627

Protanomaly

17, 7.627, 265.788

Deuteranomaly

17, 8.869, 270.454

Tritanomaly

17, 9.117, 225.409

Monochromacy



Original Color

17, 9.710, 238.627

Achromatopsia

16, 0.003, 296.813

Achromatomaly

16, 4.097, 229.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 9.710, 238.627 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(25, 45, 54)` looks like.

```
.text, #text, p{  
    color:rgb(25, 45, 54)  
}
```

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(25, 45, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 45, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 9.710, 238.627 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(25, 45, 54) }
```

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

```
.border{ border-color:rgb(25, 45, 54) }
```

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

Here you see how a box with a 4 pixel rgb(25, 45, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 45, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 45, 54);  
box-shadow:4px 4px 4px 4px rgb(25, 45, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 9.710, 238.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 45, 54) }
```

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

```
.background{ background-color: rgb(25, 45,  
54) }
```

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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