

Converting Colors

CIELCh(27, 15.407, 208.575)

Have a look what the booklet for
CIELCh(27, 15.407, 208.575)
contains.

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Color

CIELCh(27, 15.479, 209.439)

Conversions

Conversions Part 1

Format	Color
Hex	19464B
RGB	25, 70, 75
RGB Percent	10%, 27%, 29%
CMY	0.9020, 0.7255, 0.7059
CMYK	0.67, 0.07, 0.00, 0.71
HSL	186°, 50%, 20%
HSV	186°, 67%, 29%
XYZ	3.8600, 5.0937, 7.4348
YIQ	57.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

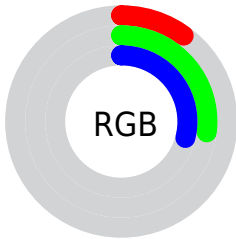
Format	Color
R_{YB}	25, 49, 75
Decimal	1656395
CIE _{Lab}	27.00, -13.48, -7.61
CIE _{LCh}	27, 15.479, 209.439
Yxy	5.0937, 0.2355, 0.3108
Android (android.graphics.Color)	4279846475 (0xFF19464B)
YUV	57.1150, 8.8173, -28.1649
Hunter-Lab	22.5692, -8.9673, -3.7329




Details

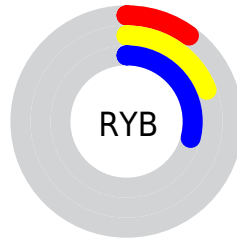
The CIELCh color **27, 15.479, 209.439** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 25.022, 33.337**, and the grayscale version is **24, 0.004, 296.813**.




A 20% lighter version of the original color is **47, 15.428, 211.281**, and **8, 10.081, 215.717** is the 20% darker color. If you saturate the color by 10%, you get **26, 16.710, 210.126**, and if you desaturate by 10%, it is **28, 13.905, 208.945**.

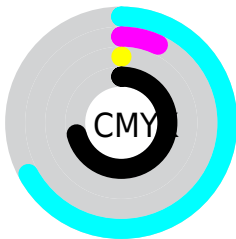
Distribution







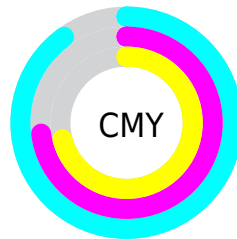
-  Red (10%)
-  Green (27%)
-  Blue (29%)






-  Red (10%)
-  Yellow (19%)
-  Blue (29%)



-  Cyan (67%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (71%)





-  Cyan (90%)
-  Magenta (73%)
-  Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 15.479, 209.439 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 27, 15.479, 209.439 by changing the saturation by 10% instead.

 27, 15.479,
209.439


 27, 15.479,
209.439

 100, 15.479,
209.439


 17, 15.479,
209.439


 47, 15.479,
209.439


 7, 15.479, 209.439

 57, 15.479,
209.439

 0, 15.479, 209.439

 67, 15.479,
209.439

 77, 15.479,
209.439

 87, 15.479,
209.439

 97, 15.479,

209.439

■ 27, 15.479,
209.439

■ 27, 15.479,
209.439

■ 26, 16.710,
210.126

■ 28, 13.905,
208.945

■ 26, 17.590,
211.041

■ 28, 12.013,
208.622

■ 26, 18.315,
212.022

■ 29, 9.833, 208.443

■ 26, 18.564,
212.325

■ 30, 7.404, 208.386

■ 30, 4.765, 208.438

■ 31, 1.954, 208.633

■ 32, 0.994, 28.389

■ 33, 4.048, 28.823

■ 34, 7.180, 29.116

Harmonies

Complementary

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



27, 15.479, 209.439



18, 25.022, 33.337

Rectangle

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



27, 15.479, 209.439



27, 15.479, 259.439



27, 15.479, 29.439



27, 15.479, 79.439

Sweetspot

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



27, 15.479, 209.437



39, 6.989, 208.404



28, 35.480, 141.322



19, 4.685, 208.397



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



27, 15.479, 209.437



34, 20.634, 210.673



19, 20.690, 276.315



15, 1.654, 208.573



35, 22.873, 213.107



76, 41.173, 214.470

Inverse Universe

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



19, 34.578, 330.716



23, 47.892, 331.472



24, 22.353, 75.726



14, 3.093, 327.691



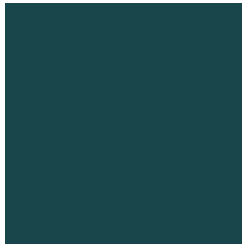
22, 54.755, 332.395



53, 98.560, 332.729

Previews

White Background



This preview shows how the CIELCh color 27, 15.479, 209.439 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 CIE LCh color 27, 15.479, 209.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

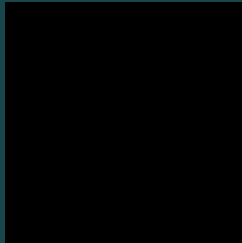
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 15.479, 209.439

Background



This preview shows how black text looks on a background with the CIELCh color 27, 15.479, 209.439.



This preview shows how white text looks on a background with the CIELCh color 27, 15.479, 209.439.

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

27, 15.479, 209.439

Protanopia

27, 5.218, 291.221

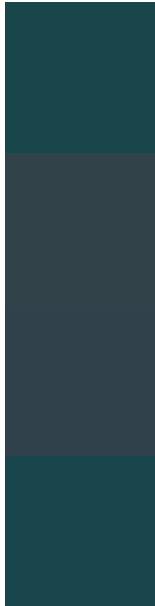
Deuteranopia

27, 9.812, 294.518



Tritanopia
27, 15.487, 211.977

Trichromacy



Original Color
27, 15.479, 209.439

Protanomaly
27, 7.755, 228.957

Deuteranomaly
27, 9.336, 249.375

Tritanomaly
27, 15.487, 211.977

Monochromacy



Original Color
27, 15.479, 209.439

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 7.137, 208.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 15.479, 209.439 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, 70, 75)` looks like.

```
.text, #text, p{  
    color:rgb(25, 70, 75)  
}
```

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, 70, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 70, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 15.479, 209.439 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, 70, 75) }
```

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

```
.border{ border-color:rgb(25, 70, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 70, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 70, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 70, 75);  
box-shadow:4px 4px 4px 4px rgb(25, 70, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 15.479, 209.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 70, 75) }
```

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

```
.background{ background-color: rgb(25, 70,  
75) }
```

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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