

Converting Colors

CIELCh(27, 15.132, 219.525)

Have a look what the booklet for
CIELCh(27, 15.132, 219.525)
contains.

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Color

CIELCh(27, 15.043, 220.632)

Conversions

Conversions Part 1

Format	Color
Hex	1B454E
RGB	27, 69, 78
RGB Percent	11%, 27%, 31%
CMY	0.8925, 0.7280, 0.6927
CMYK	0.65, 0.11, 0.00, 0.69
HSL	191°, 48%, 21%
HSV	191°, 65%, 31%
XYZ	4.0007, 5.0937, 8.0479
YIQ	57.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

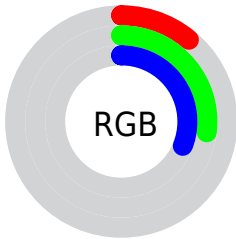
Format	Color
R_{YB}	27, 50, 78
Decimal	1787214
CIE Lab	27.00, -11.42, -9.80
CIE LCh	27, 15.043, 220.632
Yxy	5.0937, 0.2334, 0.2971
Android (android.graphics.Color)	4279977294 (0xFF1B454E)
YUV	57.4680, 10.1223, -26.7204
Hunter-Lab	22.5692, -7.8541, -5.3437

Details

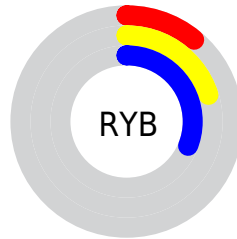
The CIELCh color **27, 15.043, 220.632** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20, 24.009, 38.610**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 14.984, 221.521**, and **8, 10.611, 233.566** is the 20% darker color. If you saturate the color by 10%, you get **26, 16.354, 222.126**, and if you desaturate by 10%, it is **28, 13.410, 219.466**.

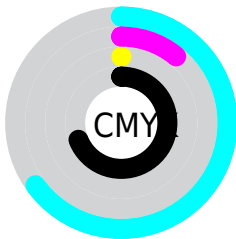
Distribution



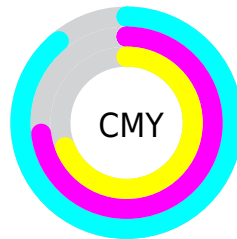
- Red (11%)
- Green (27%)
- Blue (31%)



- Red (11%)
- Yellow (20%)
- Blue (31%)



- Cyan (65%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)





- Cyan (89%)
- Magenta (73%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 15.043, 220.632 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, 15.043, 220.632 by changing the saturation by 10% instead.

 27, 15.043,
220.632


 27, 15.043,
220.632

 100, 15.043,
220.632


 17, 15.043,
220.632


 47, 15.043,
220.632


 7, 15.043, 220.632

 57, 15.043,
220.632

 0, 15.043, 220.632

 67, 15.043,
220.632

 77, 15.043,
220.632

 87, 15.043,
220.632

 97, 15.043,

220.632

■ 27, 15.043,
220.632

■ 27, 15.043,
220.632

■ 26, 16.354,
222.126

■ 28, 13.410,
219.466

■ 26, 17.336,
224.009

■ 29, 11.478,
218.579

■ 25, 18.112,
226.126

■ 30, 9.280, 217.922

■ 25, 18.515,
227.106

■ 31, 6.851, 217.455

■ 32, 4.229, 217.152

■ 33, 1.448, 217.071

■ 34, 1.458, 36.574

■ 35, 4.463, 36.667

■ 36, 7.542, 36.715

Harmonies

Complementary

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



27, 15.043, 220.632



20, 24.009, 38.610

Rectangle

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



27, 15.043, 220.632



27, 15.043, 270.632



27, 15.043, 40.632



27, 15.043, 90.632

Sweetspot

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



27, 15.043, 220.631



40, 6.894, 217.305



29, 34.003, 143.840



19, 4.625, 217.353



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



27, 15.043, 220.631



34, 20.357, 223.171



18, 23.626, 282.743



15, 1.563, 217.054



32, 22.219, 228.387



71, 40.274, 231.017

Inverse Universe

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



20, 33.350, 333.560



24, 46.610, 334.593



27, 23.563, 83.213



14, 2.931, 330.169



22, 51.761, 336.223



52, 92.819, 336.916

Previews

White Background



This preview shows how the CIELCh color 27, 15.043, 220.632 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, 15.043, 220.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

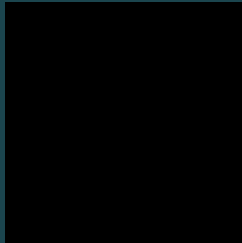
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

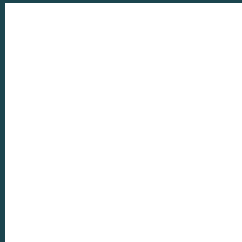
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 27, 15.043, 220.632

Background



This preview shows how black text looks on a background with the CIELCh color 27, 15.043, 220.632.



This preview shows how white text looks on a background with the CIELCh color 27, 15.043, 220.632.

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, 15.043, 220.632

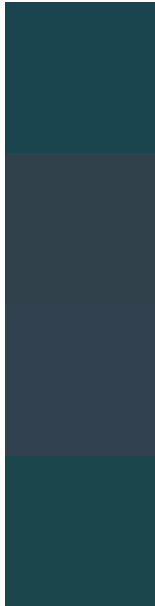
Protanopia
27, 7.176, 288.260

Deuteranopia
27, 11.749, 292.489



Tritanopia
27, 15.263, 209.645

Trichromacy



Original Color
27, 15.043, 220.632

Protanomaly
27, 9.336, 249.375

Deuteranomaly
27, 10.784, 257.212

Tritanomaly
27, 15.058, 212.465

Monochromacy



Original Color
27, 15.043, 220.632

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 6.490, 216.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 15.043, 220.632 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(27, 69, 78)` looks like.

```
.text, #text, p{  
    color:rgb(27, 69, 78)  
}
```

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(27, 69, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 69, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 15.043, 220.632 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(27, 69, 78) }
```

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

```
.border{ border-color:rgb(27, 69, 78) }
```

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

Here you see how a box with a 4 pixel rgb(27, 69, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 69, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 69, 78);  
box-shadow:4px 4px 4px 4px rgb(27, 69, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 15.043, 220.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 69, 78) }
```

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

```
.background{ background-color: rgb(27, 69,  
78) }
```

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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