

Converting Colors

CIELCh(62, 63.826, 27.503)

Have a look what the booklet for
CIELCh(62, 63.826, 27.503) contains.

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Color

CIELCh(62, 63.826, 27.503)

Conversions

Conversions Part 1

Format	Color
Hex	F96565
RGB	249, 101, 101
RGB Percent	98%, 40%, 40%
CMY	0.0234, 0.6037, 0.6038
CMYK	0.00, 0.59, 0.59, 0.02
HSL	0°, 93%, 69%
HSV	0°, 59%, 98%
XYZ	46.0902, 30.4025, 15.7594
YIQ	145.2520, 88.2080, 31.3760

Conversions

Conversions Part 2

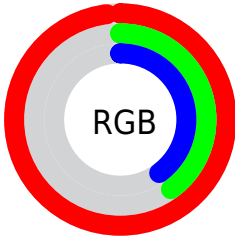
Format	Color
R _Y B	249, 101, 101
Decimal	16344421
CIE Lab	62.00, 56.61, 29.47
CIE LCh	62, 63.826, 27.503
Yxy	30.4025, 0.4996, 0.3296
Android (android.graphics.Color)	4294534501 (0xFFFF96565)
YUV	145.2520, -21.8162, 90.9870
Hunter-Lab	55.1385, 52.7154, 21.6510

Details

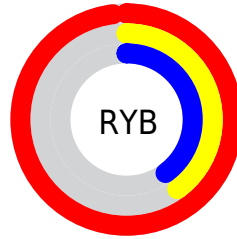
The CIELCh color **62, 63.826, 27.503** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **90, 40.729, 196.896**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 40.262, 26.829**, and **42, 64.034, 27.669** is the 20% darker color. If you saturate the color by 10%, you get **58, 75.727, 30.509**, and if you desaturate by 10%, it is **67, 51.801, 25.121**.

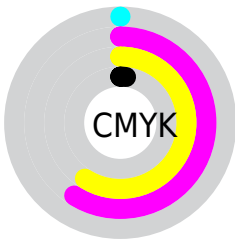
Distribution



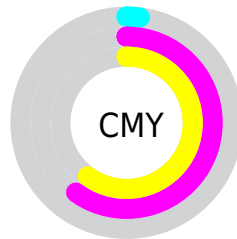
- Red (98%)
- Green (40%)
- Blue (40%)



- Red (98%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (59%)
- Black (2%)



- Cyan (2%)
- Magenta (60%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 63.826, 27.503 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 62, 63.826, 27.503 by changing the saturation by 10% instead.

 62, 63.826, 27.503

 62, 63.826, 27.503

 100, 63.826,
27.503

 52, 63.826, 27.503

 82, 63.826, 27.503

 42, 63.826, 27.503

 92, 63.826, 27.503

 32, 63.826, 27.503

 22, 63.826, 27.503

 12, 63.826, 27.503

 2, 63.826, 27.503

 0, 63.826, 27.503

 62, 63.826, 27.503

 62, 63.826, 27.503

 58, 75.727, 30.509

 67, 51.801, 25.121

■ 55, 86.955, 34.029

■ 73, 40.051, 23.283

■ 53, 96.448, 37.512

■ 79, 28.841, 21.880

■ 52, 102.417,
39.879

■ 85, 18.321, 20.801

■ 92, 8.546, 19.944

■ 52, 102.718,
40.001

■ 98, 0.494, 200.705

■ 100, 2.066,
199.595

Harmonies

Complementary

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



62, 63.826, 27.503



90, 40.729, 196.896

Rectangle

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



62, 63.826, 27.503



62, 63.826, 77.503



62, 63.826, 207.503



62, 63.826, 257.503

Sweetspot

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



62, 63.823, 27.506



88, 17.204, 20.670



67, 88.075, 327.443



45, 12.093, 20.947



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 63.823, 27.506



59, 79.057, 31.064



77, 52.039, 67.851



49, 5.167, 19.949



39, 83.390, 40.001



9, 32.194, 26.144

Inverse Universe

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



90, 40.729, 196.896



92, 45.710, 196.650



70, 43.721, 267.983



51, 4.864, 198.972



69, 39.958, 196.400



23, 18.079, 196.398

Previews

White Background



This preview shows how the CIELCh color 62, 63.826, 27.503 looks on a white 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

Black Background



This preview shows how the CIELCh color 62, 63.826, 27.503 looks on a black 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

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

CIELCh 62, 63.826, 27.503

Background



This preview shows how black text looks on a background with the CIELCh color 62, 63.826, 27.503.



This preview shows how white text looks on a background with the CIELCh color 62, 63.826, 27.503.

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





Tritanopia
62, 63.068, 24.330

Trichromacy



Original Color
62, 63.826, 27.503

Protanomaly
61, 28.230, 42.386

Deuteranomaly
61, 39.912, 47.529

Tritanomaly
62, 63.398, 25.283

Monochromacy



Original Color
62, 63.826, 27.503

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 22.475, 21.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 63.826, 27.503 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(249, 101, 101)` looks like.

```
.text, #text, p{  
    color:rgb(249, 101, 101)  
}
```

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(249, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 101, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 63.826, 27.503 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(249, 101, 101) }
```

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

```
.border{ border-color:rgb(249, 101, 101) }
```

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

Here you see how a box with a 4 pixel rgb(249, 101, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(249, 101,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 63.826, 27.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 101, 101) }
```

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

```
.background{ background-color: rgb(249,  
101, 101) }
```

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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