

Converting Colors

CIELCh(87, 6.064, 24.942)

Have a look what the booklet for
CIELCh(87, 6.064, 24.942) contains.

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Color

CIELCh(87, 6.252, 24.540)

Conversions

Conversions Part 1

Format	Color
Hex	E7D6D5
RGB	231, 214, 213
RGB Percent	91%, 84%, 84%
CMY	0.0935, 0.1601, 0.1641
CMYK	0.00, 0.07, 0.08, 0.09
HSL	3°, 27%, 87%
HSV	3°, 8%, 91%
XYZ	69.1290, 70.0064, 72.9301
YIQ	218.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

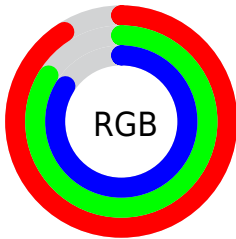
Format	Color
RYB	231, 214, 213
Decimal	15193813
CIELab	87.00, 5.69, 2.60
CIElCh	87, 6.252, 24.540
Yxy	70.0064, 0.3260, 0.3301
Android (android.graphics.Color)	4293383893 (0xFFE7D6D5)
YUV	218.9690, -2.9427, 10.5512
Hunter-Lab	83.6698, 1.0566, 6.8893

Details

The CIELCh color **87, 6.252, 24.540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 5.946, 204.149**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 6.245, 24.938** is the 20% darker color. If you saturate the color by 10%, you get **81, 14.873, 25.182**, and if you desaturate by 10%, it is **93, 1.705, 204.611**.

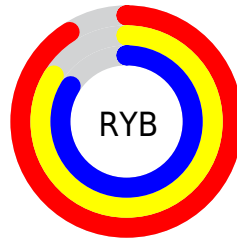
Distribution



Red (91%)

Green (84%)

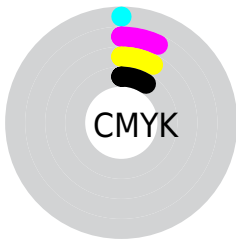
Blue (84%)



Red (91%)

Yellow (84%)

Blue (84%)

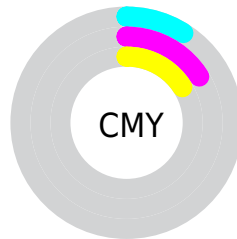


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 6.252, 24.540 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 87, 6.252, 24.540 by changing the saturation by 10% instead.



87, 6.252, 24.540

87, 6.252, 24.540

81, 14.873, 25.182

93, 1.705, 204.611

75, 24.196, 25.966

98, 8.132, 198.973

70, 34.213, 27.009

65, 44.855, 28.396

60, 55.963, 30.213

56, 67.262, 32.516

53, 78.297, 35.249

50, 88.188, 38.038

49, 95.155, 40.004

Harmonies

Complementary

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



87, 6.252, 24.540



90, 5.946, 204.149

Rectangle

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



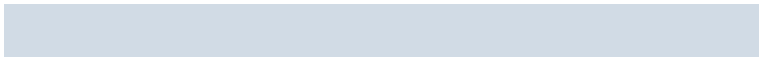
87, 6.252, 24.540



87, 6.252, 74.540



87, 6.252, 204.540



87, 6.252, 254.540

Sweetspot

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



87, 6.251, 24.560



99, 1.698, 24.012



87, 11.062, 326.219



53, 0.965, 23.988



0, 0.000, 0.000



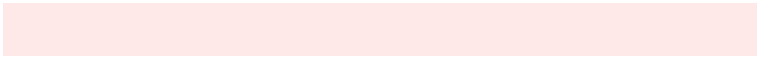
53, 0.007, 296.813

Same Dimension

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



87, 6.251, 24.560



94, 7.862, 24.636



89, 5.913, 79.591



45, 4.563, 24.660



37, 79.217, 40.601



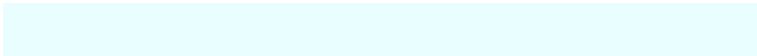
7, 26.051, 24.641

Inverse Universe

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



90, 5.946, 204.149



98, 7.416, 204.093



88, 5.848, 261.723



47, 4.292, 204.076



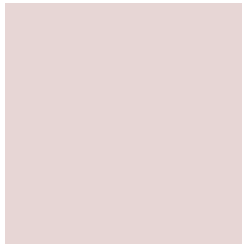
63, 35.643, 205.698



17, 15.109, 204.162

Previews

White Background



This preview shows how the CIELCh color 87, 6.252, 24.540 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 CIE LCh color 87, 6.252, 24.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

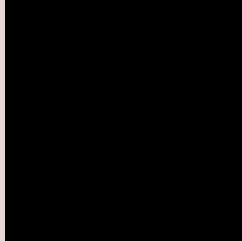
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

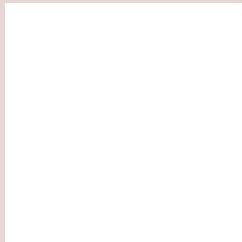
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 6.252, 24.540

Background



This preview shows how black text looks on a background with the CIELCh color 87, 6.252, 24.540.



This preview shows how white text looks on a background with the CIELCh color 87, 6.252, 24.540.

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

87, 6.252, 24.540

Protanopia

87, 2.079, 49.336

Deuteranopia

87, 10.798, 11.863



Tritanopia
87, 11.300, 332.446

Trichromacy



Original Color
87, 6.252, 24.540

Protanomaly
87, 3.430, 37.158

Deuteranomaly
87, 9.253, 13.580

Tritanomaly
87, 8.655, 342.876

Monochromacy



Original Color
87, 6.252, 24.540

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.171, 19.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 6.252, 24.540 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(231, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(231, 214, 213)  
}
```

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(231, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 214, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 6.252, 24.540 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(231, 214, 213) }
```

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

```
.border{ border-color:rgb(231, 214, 213) }
```

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

Here you see how a box with a 4 pixel rgb(231, 214, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 214, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 214, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 214,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 6.252, 24.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 214, 213) }
```

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

```
.background{ background-color: rgb(231,  
214, 213) }
```

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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