

Converting Colors

CIELCh(56, 13.466, 21.059)

Have a look what the booklet for
CIELCh(56, 13.466, 21.059) contains.

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Color

CIELCh(56, 13.625, 20.863)

Conversions

Conversions Part 1

Format	Color
Hex	9F7E7E
RGB	159, 126, 126
RGB Percent	62%, 49%, 49%
CMY	0.3753, 0.5047, 0.5047
CMYK	0.00, 0.21, 0.21, 0.38
HSL	0°, 15%, 56%
HSV	0°, 21%, 62%
XYZ	25.6416, 23.9124, 23.1012
YIQ	135.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

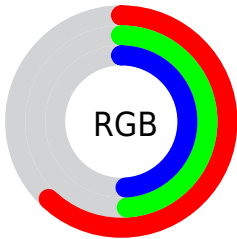
Format	Color
R_{YB}	159, 126, 126
Decimal	10452606
CIE _{Lab}	56.00, 12.73, 4.85
CIE _{LCh}	56, 13.625, 20.863
Yxy	23.9124, 0.3529, 0.3291
Android (android.graphics.Color)	4288642686 (0xFF9F7E7E)
YUV	135.8670, -4.8644, 20.2876
Hunter-Lab	48.9003, 8.0234, 6.2208

Details

The CIELCh color $56, 13.625, 20.863$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 11.921, 198.392$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 13.464, 20.500$, and $36, 13.620, 21.492$ is the 20% darker color. If you saturate the color by 10%, you get $52, 20.966, 21.931$, and if you desaturate by 10%, it is $61, 6.783, 20.025$.

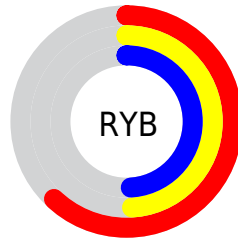
Distribution



Red (62%)

Green (49%)

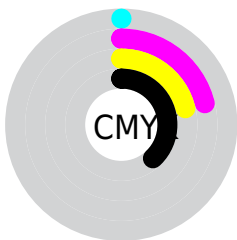
Blue (49%)



Red (62%)

Yellow (49%)

Blue (49%)

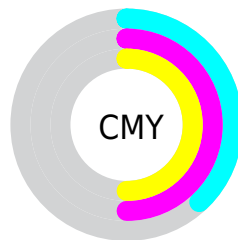


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (38%)



Cyan (38%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 13.625, 20.863 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 56, 13.625, 20.863 by changing the saturation by 10% instead.

■ 56, 13.625, 20.863

■ 56, 13.625, 20.863

■ 100, 13.625,
20.863

■ 46, 13.625, 20.863

■ 76, 13.625, 20.863

■ 36, 13.625, 20.863

■ 86, 13.625, 20.863

■ 26, 13.625, 20.863

■ 96, 13.625, 20.863

■ 16, 13.625, 20.863

■ 6, 13.625, 20.863

■ 0, 13.625, 20.863

■ 56, 13.625, 20.863

■ 56, 13.625, 20.863

■ 52, 20.966, 21.931

■ 61, 6.783, 20.025

■ 47, 28.771, 23.302

■ 65, 0.442, 18.406

43, 36.941, 25.084

70, 5.431, 199.050

40, 45.298, 27.380

75, 10.874,
198.611

37, 53.591, 30.258

80, 15.934,
198.279

35, 61.465, 33.643

34, 68.279, 37.083

84, 20.656,
198.014

33, 73.239, 39.695

89, 25.080,
197.799

94, 29.244,
197.621

94, 29.569,
197.596

Harmonies

Complementary

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



56, 13.625, 20.863



63, 11.921, 198.392

Rectangle

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



56, 13.625, 20.863



56, 13.625, 70.863



56, 13.625, 200.863



56, 13.625, 250.863

Sweetspot

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



56, 13.624, 20.870



79, 4.607, 19.660



57, 22.607, 325.543



42, 3.087, 19.710



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



56, 13.624, 20.870



69, 20.674, 21.341



60, 11.540, 72.899



31, 3.534, 19.910



29, 67.090, 39.163



1, 4.472, 19.415

Inverse Universe

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



63, 11.921, 198.392



80, 17.489, 198.167



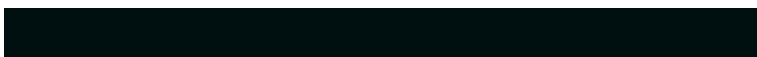
59, 10.938, 258.352



33, 3.338, 199.007



54, 32.538, 196.405



3, 4.472, 199.435

Previews

White Background



This preview shows how the CIELCh color 56, 13.625, 20.863 looks on a white background.

Color Contrast Check

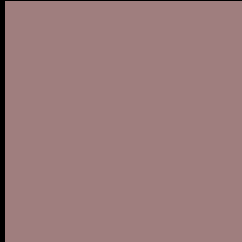
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 13.625, 20.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

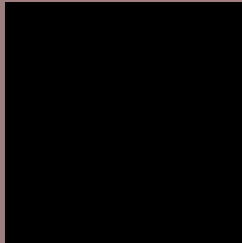
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 13.625, 20.863

Background



This preview shows how black text looks on a background with the CIELCh color 56, 13.625, 20.863.



This preview shows how white text looks on a background with the CIELCh color 56, 13.625, 20.863.

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

56, 13.625, 20.863

Protanopia

56, 2.772, 74.640

Deuteranopia

56, 8.924, 34.953



Tritanopia
56, 15.175, 359.163

Trichromacy



Original Color
56, 13.625, 20.863

Protanomaly
56, 6.178, 30.564

Deuteranomaly
56, 10.439, 29.798

Tritanomaly
56, 14.736, 5.440

Monochromacy



Original Color
56, 13.625, 20.863

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 4.808, 19.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 13.625, 20.863 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(159, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(159, 126, 126)  
}
```

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(159, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 126, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 13.625, 20.863 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(159, 126, 126) }
```

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

```
.border{ border-color:rgb(159, 126, 126) }
```

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

Here you see how a box with a 4 pixel rgb(159, 126, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(159, 126,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 13.625, 20.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 126, 126) }
```

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

```
.background{ background-color: rgb(159,  
126, 126) }
```

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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