

Converting Colors

CIELCh(72, 25.064, 21.689)

Have a look what the booklet for
CIELCh(72, 25.064, 21.689) contains.

CIELCh(72, 24.744, 21.658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 24.744, 21.658)

Conversions

Conversions Part 1

Format	Color
Hex	DFA1A1
RGB	223, 161, 161
RGB Percent	87%, 63%, 63%
CMY	0.1262, 0.3693, 0.3693
CMYK	0.00, 0.28, 0.28, 0.13
HSL	0°, 49%, 75%
HSV	0°, 28%, 87%
XYZ	49.5111, 43.6590, 39.4598
YIQ	179.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

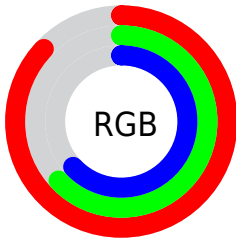
Format	Color
RYB	223, 161, 161
Decimal	14655905
CIELab	72.00, 23.00, 9.13
CIELCh	72, 24.744, 21.658
Yxy	43.6590, 0.3733, 0.3292
Android (android.graphics.Color)	4292845985 (0xFFDFA1A1)
YUV	179.5380, -9.1392, 38.1162
Hunter-Lab	66.0750, 18.1219, 10.8446

Details

The CIELCh color $72, 24.744, 21.658$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $85, 20.478, 198.024$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.463, 20.422$, and $52, 24.478, 21.073$ is the 20% darker color. If you saturate the color by 10%, you get $66, 34.877, 22.992$, and if you desaturate by 10%, it is $78, 15.247, 20.638$.

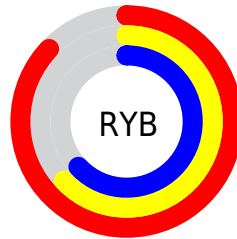
Distribution



Red (87%)

Green (63%)

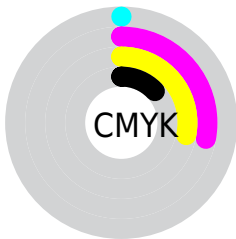
Blue (63%)



Red (87%)

Yellow (63%)

Blue (63%)

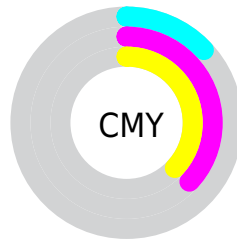


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (13%)



Cyan (13%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 24.744, 21.658 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 72, 24.744, 21.658 by changing the saturation by 10% instead.

 72, 24.744, 21.658

 72, 24.744, 21.658

 100, 24.744,
21.658

 62, 24.744, 21.658

 92, 24.744, 21.658

 52, 24.744, 21.658

 42, 24.744, 21.658

 32, 24.744, 21.658

 22, 24.744, 21.658

 12, 24.744, 21.658

 2, 24.744, 21.658

 0, 24.744, 21.658

 72, 24.744, 21.658

 72, 24.744, 21.658

66, 34.877, 22.992

78, 15.247, 20.638

61, 45.536, 24.728

84, 6.431, 19.807

57, 56.497, 26.985

90, 1.723, 199.643

53, 67.430, 29.847

96, 9.261, 198.886

50, 77.872, 33.264

98, 10.885,
198.780

48, 87.013, 36.816

47, 93.255, 39.479

47, 94.443, 40.001

Harmonies

Complementary

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



72, 24.744, 21.658



85, 20.478, 198.024

Rectangle

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



72, 24.744, 21.658



72, 24.744, 71.658



72, 24.744, 201.658



72, 24.744, 251.658

Sweetspot

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



72, 24.742, 21.663



94, 7.348, 19.826



74, 39.847, 325.953



49, 5.254, 19.947



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 24.742, 21.663



78, 33.408, 22.341



80, 20.726, 71.953



44, 4.728, 19.937



36, 79.113, 39.953



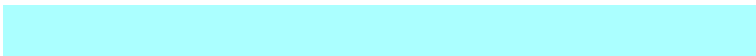
6, 25.540, 20.941

Inverse Universe

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



85, 20.478, 198.024



95, 26.522, 197.787



76, 19.200, 259.719



46, 4.454, 198.975



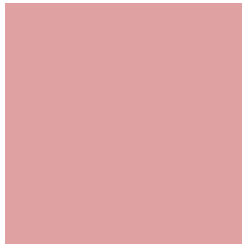
65, 37.937, 196.394



17, 15.584, 196.393

Previews

White Background



This preview shows how the CIELCh color 72, 24.744, 21.658 looks on a white background.

Color Contrast Check

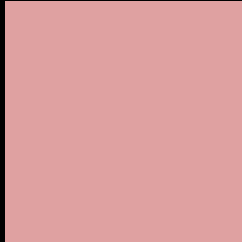
Large Text (above 18pt) WCAG AA × Fail

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 72, 24.744, 21.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

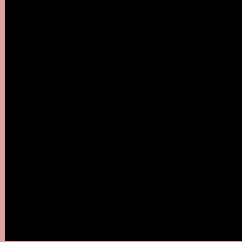
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 24.744, 21.658

Background



This preview shows how black text looks on a background with the CIELCh color 72, 24.744, 21.658.



This preview shows how white text looks on a background with the CIELCh color 72, 24.744, 21.658.

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


72, 24.744, 21.658

Protanopia

72, 4.418, 78.516

Deuteranopia

72, 13.354, 46.647



Tritanopia
72, 26.078, 7.627

Trichromacy



Original Color
72, 24.744, 21.658

Protanomaly
72, 10.756, 31.825

Deuteranomaly
72, 16.789, 33.703

Tritanomaly
72, 25.424, 13.328

Monochromacy



Original Color
72, 24.744, 21.658

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 8.840, 20.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 24.744, 21.658 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(223, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(223, 161, 161)  
}
```

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(223, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 24.744, 21.658 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(223, 161, 161) }
```

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

```
.border{ border-color:rgb(223, 161, 161) }
```

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

Here you see how a box with a 4 pixel rgb(223, 161, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(223, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 24.744, 21.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 161, 161) }
```

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

```
.background{ background-color: rgb(223,  
161, 161) }
```

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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