

Converting Colors

RGB(172, 240, 225)

Have a look what the booklet for
RGB(172, 240, 225) contains.

RGB(172, 240, 225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(172, 240, 225)

Conversions

Conversions Part 1

Format	Color
Hex	ACF0E1
RGB	172, 240, 225
RGB Percent	67%, 94%, 88%
CMY	0.3255, 0.0588, 0.1176
CMYK	0.28, 0.00, 0.06, 0.06
HSL	167°, 69%, 81%
HSV	167°, 28%, 94%
XYZ	61.7640, 76.5271, 82.7501
YIQ	217.9580, -35.7130, -19.0810

Conversions

Conversions Part 2

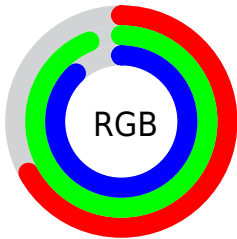
Format	Color
R _Y B	172, 210, 240
Decimal	11333857
CIE _{Lab}	90.10, -24.26, 0.42
CIE _{LCh}	90, 24.266, 179.004
Yxy	76.5271, 0.2794, 0.3462
Android (android.graphics.Color)	4289523937 (0xFFACF0E1)
YUV	217.9580, 3.4717, -40.3052
Hunter-Lab	87.4798, -27.0619, 5.1514

Details

The RGB color **172, 240, 225** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **240, 172, 187**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **229, 255, 255**, and **118, 184, 170** is the 20% darker color. If you saturate the color by 10%, you get **148, 240, 220**, and if you desaturate by 10%, it is **196, 240, 230**.

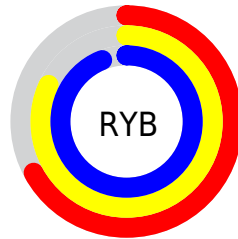
Distribution



Red (67%)

Green (94%)

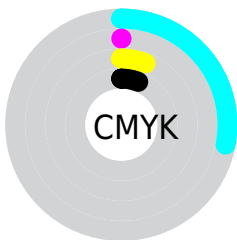
Blue (88%)



Red (67%)

Yellow (82%)

Blue (94%)

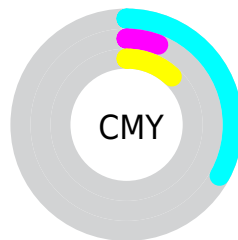


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (33%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 240, 225 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 RGB color 172, 240, 225 by changing the saturation by 10% instead.

 172, 240, 225


255, 255, 255


 229, 255, 255

 172, 240, 225

 144, 212, 197

 118, 184, 170


 91, 157, 143

 65, 130, 118

 38, 105, 93

 3, 81, 70

 0, 57, 47

 0, 36, 27

 0, 1, 0

 172, 240, 225

 172, 240, 225

 148, 240, 220

 196, 240, 230

 124, 240, 214

 220, 240, 236

 100, 240, 209

 244, 240, 241

 76, 240, 204

 255, 240, 246

 52, 240, 199

 255, 240, 251

 28, 240, 193

 255, 240, 255

 4, 240, 188

 0, 240, 187

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194, 237, 202



172, 240, 225



163, 239, 248

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



172, 240, 225



230, 221, 255



255, 217, 188

Complementary

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



172, 240, 225



240, 172, 187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 212, 205



172, 240, 225



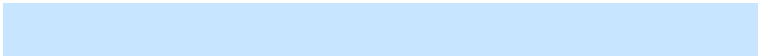
255, 214, 251

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172, 240, 225



199, 229, 255



255, 210, 228



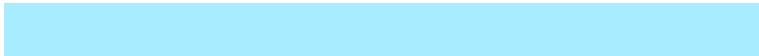
245, 225, 181

Rectangle

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



172, 240, 225



168, 237, 255



255, 210, 228



255, 215, 193

Sweetspot

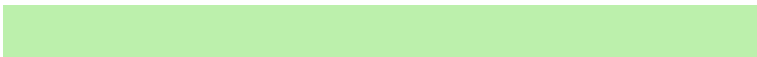
The Sweet Spot groups the original color and five complimentary colors.



172, 240, 225



232, 255, 250



188, 240, 172



113, 128, 124



0, 0, 0



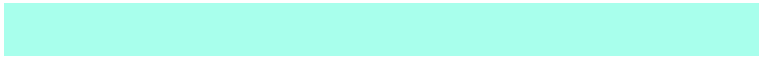
128, 128, 128

Same Dimension

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



172, 240, 225



168, 255, 236



172, 222, 240



108, 120, 117



0, 184, 143



0, 56, 44

Inverse Universe

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



240, 172, 187



255, 168, 187



240, 190, 172



120, 108, 111



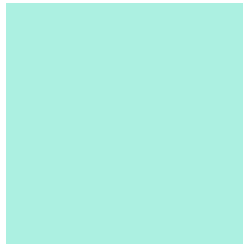
184, 0, 41



56, 0, 12

Previews

White Background



This preview shows how the RGB color 172, 240, 225 looks on a white background.

Color Contrast Check

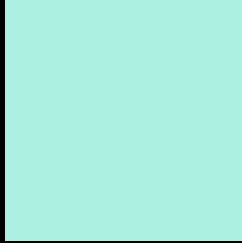
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 172, 240, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

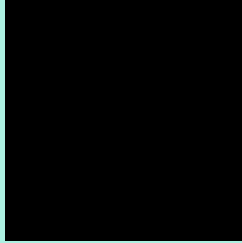
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

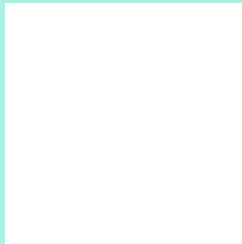
Any Text WCAG AAA ✓ Pass

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

RGB 172, 240, 225 Background



This preview shows how black text looks on a background with the RGB color 172, 240, 225.



This preview shows how white text looks on a background with the RGB color 172, 240, 225.

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





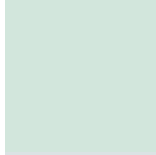
Tritanopia
178, 236, 254

Trichromacy



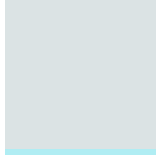
Original Color

172, 240, 225



Protanomaly

210, 230, 220



Deuteranomaly

219, 227, 228



Tritanomaly

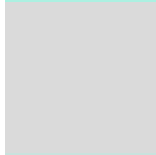
176, 237, 243

Monochromacy



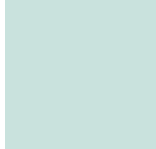
Original Color

172, 240, 225



Achromatopsia

218, 218, 218



Achromatomaly

201, 226, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 240, 225 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(172, 240, 225)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 225)  
}
```

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(172, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 225) }
```

Border

The CSS property to change the border of an element to RGB 172, 240, 225 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(172, 240, 225) }
```

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

```
.border{ border-color:rgb(172, 240, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(172, 240,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 172, 240, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 225) }
```

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

```
.background{ background-color: rgb(172,  
240, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor